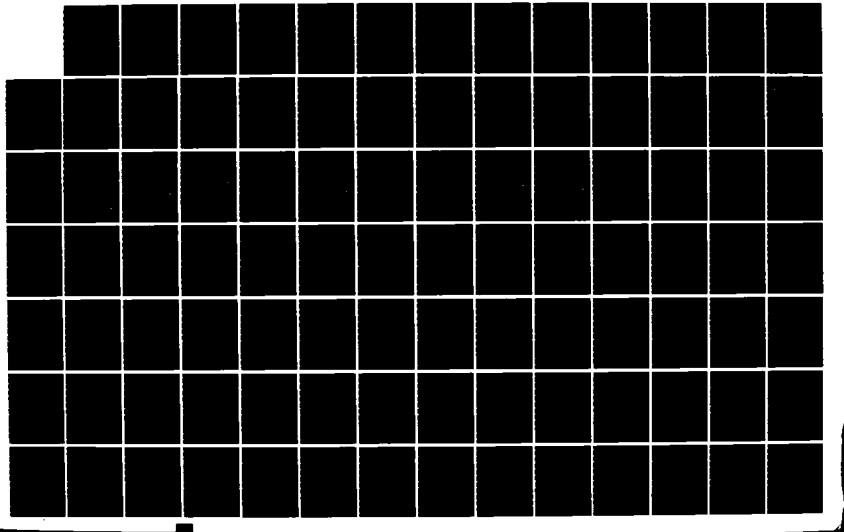
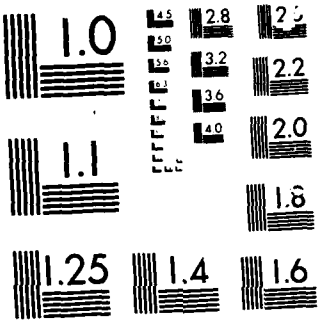
AD-A165 690 DESIGN CALCULATIONS 185' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 1/1

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

TABLE OF CONTENTS

VOLUME I

SECTION		TITLE	PAGE NO.
1.0		INTRODUCTION	
	1.1	Purpose of Document	1.01
	1.2	Description of Structure	1.02
	1.3	Design Criteria	1.07
	1.4	Design Assumptions	1.11
	1.5	Design Summary	1.13
2.0		STRUCTURAL DRAWINGS	
	2.1	Introduction	2.01
	2.2	Vicinity Plan	2.02
	2.3	Assembly Drawing	2.03
	2.4	Structural Drawings - Jacket	2.04
	2.5	Structural Drawings - Superstructure	2.13
	2.6	Insert Pile Details - Platform 4	2.16
3.0		STRUCTURAL IDEALIZATION	
	3.1	Introduction	3.01
	3.2	Sketches - Plans and Elevations	3.03
	3.3	Member Groups	3.16
	3.4	Member Incidences	3.16
	3.5	Foundation Input	3.20
	3.6	Joint Coordinates	3.21
	3.7	Group Properties	3.24
4.0		BASIC LOADS	
	4.1	Introduction	4.01
	4.2	Dead Loads	4.02
	4.3	Live Loads	4.03
	4.4	Wind Loads	4.04
	4.5	Wave Loads	4.05

Accesion For
NTIS CRA&I ☑
DTIC TAB ☐
Unannounced ☐
Justification
By
Distribution /
Availability Codes
Dist | Avail and/or Special
A-1 | 23

Unclassified
SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE

1a. REPORT SECURITY CLASSIFICATION Unclassified	1b. RESTRICTIVE MARKINGS
2a. SECURITY CLASSIFICATION AUTHORITY	3. DISTRIBUTION AVAILABILITY OF REP. Approved for public release; distribution is unlimited
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE	
4. PERFORMING ORGANIZATION REPORT NUMBER Report No. 27-771-96	5. MONITORING ORGANIZATION REPORT # FPO 7615
6a. NAME OF PERFORM. ORG. 6b. OFFICE SYM Crest Engineering, Inc.	7a. NAME OF MONITORING ORGANIZATION Ocean Engineering & Construction Project Office CHESNAVFACENGCOM
6c. ADDRESS (City, State, and Zip Code) Tulsa, OK	7b. ADDRESS (City, State, and Zip) BLDG. 212, Washington Navy Yard Washington, D.C. 20374-2121
8a. NAME OF FUNDING ORG. 8b. OFFICE SYM	9. PROCUREMENT INSTRUMENT INDENT # Contract No. N62477-76-C-0179 Modification No. P0001
8c. ADDRESS (City, State & Zip)	10. SOURCE OF FUNDING NUMBERS PROGRAM ELEMENT # / PROJECT # / TASK # / WORK UNIT ACCESS #

11. TITLE (Including Security Classification)
Design Calculations 105'MLW Structure East Coast Air Combat Maneuvering Range Offshore Kitty Hawk, North Carolina

12. PERSONAL AUTHOR(S)

13a. TYPE OF REPORT	13b. TIME COVERED FROM TO	14. DATE OF REP. (YYMMDD) 15. PAGES 76-09

16. SUPPLEMENTARY NOTATION

17. COSATI CODES FIELD GROUP SUB-GROUP	18. SUBJECT TERMS (Continue on reverse if nec.) Air Combat Maneuvering Range, Towers, Ocean construction

19. ABSTRACT (Continue on reverse if necessary & identify by block number)
This purpose of this report is to provide a document insuring the structural integrity of one of the four marine structures of the U.S. Navy East Coast Air Combat Maneuvering Range, offshore of Kitty Hawk, North Carolina. This structure is identified as Structure 3 at Site 3, and Structure 4 at (Con't)

20. DISTRIBUTION/AVAILABILITY OF ABSTRACT SAME AS RPT.	21. ABSTRACT SECURITY CLASSIFICATION
22a. NAME OF RESPONSIBLE INDIVIDUAL Jacqueline B. Riley	22b. TELEPHONE 22c. OFFICE SYMBOL 202-433-3881

DD FORM 1473, 84MAR SECURITY CLASSIFICATION OF THIS PAGE

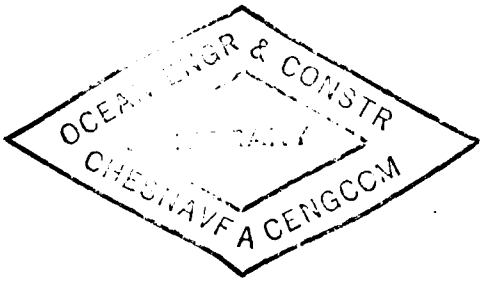
BLOCK 19 (Con't)

Site 4, both resting n approximately 105 feet of water.

This report (No. 27-771-96) is part of the documentation required by U.S. Government Contract No. N62477-76-C-0179, Modification No. P0001, let by the Naval Facilities Engineering Command, Department of the Navy, Chesapeake Division with Crest Engineering, Inc., Tulsa, Oklahoma.

Since the analysis of these two structures will differ only in the soil properties at each of their sites, the report will treat them as one except when the soil properties influence the analysis.

100% Submission



DESIGN CALCULATIONS
105' MLW PLATFORM

EAST COAST AIR COMBAT MANEUVERING RANGE
OFFSHORE KITTY HAWK, NORTH CAROLINA
CONTRACT NO. N62477-76-C-0179
MODIFICATION NO. P0001

VOLUME I

Report No. 27-771-96

Prepared for

NAVY FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
CHESAPEAKE DIVISION

By

CREST ENGINEERING, INC.
TULSA, OKLAHOMA

September 1976

DISCLAIMER NOTICE

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

SECTION		TITLE	PAGE NO.
5.0		LOADING CONDITIONS	
	5.1	Introduction	5.01
	5.2	Loading Conditions	5.02
6.0		SPACE FRAME ANALYSIS	
	6.1	Introduction	6.01
	6.2	Maximum Member Stresses	6.02
	6.3	Maximum Member Forces	6.06
	6.4	Joint Deflections and Rotations	6.10
	6.5	Reactions	6.35
7.0		TUBULAR JOINT ANALYSIS	
	7.1	Introduction	7.01
	7.2	Joint Geometry - Primary Joints	7.03
	7.3	Punching Shear Analysis - Primary Joints	7.05
	7.4	Joint Geometry - Secondary Joints	7.18
	7.5	Punching Shear Analysis - Secondary Joints	7.23
8.0		PILE-JACKET CONNECTION	
	8.1	Introduction	8.01
	8.2	Jacket Loads at Connection	8.02
	8.3	Jacket to Shim	8.03
	8.4	Shim to Pile	8.03
	8.5	Shim Stress	8.04
			8.04
9.0		PILE ANALYSIS	
	9.1	Introduction	8.01
	9.2	Pile Summary - Structure 3	9.02
	9.3	Pile Loads - Structure 3	9.03
	9.4	Pile Capacity Curve - Structure 3	9.04
	9.5	Pile Driving Resistance Curves - Structure 3	9.05
	9.6	Pile Schedule - Structure 3	9.08
	9.7	Soil Data - P-Y Curves - Structure 3	9.12
	9.8	Pile Summary - Structure 4	9.13
	9.9	Pile Loads - Structure 4	9.14
	9.10	Pile Capacity Curve - Structure 4	9.15
	9.11	Pile Driving Resistance - Structure 4	9.16
	9.12	Pile Schedule - Structure 4	9.19
	9.13	Soil Data - P-Y Curves - Structure 4	9.23
	9.14	Insert Piles - Structure 4	9.24

SECTION		TITLE	PAGE NO.
10.0		INSTALLATION ANALYSES	
	10.1	Introduction	10.01
	10.2	Mudline Pressure on Structure	10.02
	10.3	Lifting Eyes - Jacket	10.05
	10.4	Lift Analysis - Jacket	10.10
	10.5	Floatation Analysis	10.24
11.0		CORROSION PROTECTION	
	11.1	Introduction	11.01
	11.2	Design Data	11.02
	11.3	Submerged Zone	11.03
	11.4	Splash Zone	11.04
	11.5	Atmospheric Zone	11.05
12.0		MATERIAL LIST AND WEIGHT	
	12.1	Introduction	12.01
	12.2	Material Listing and Weight - Superstructure	12.02
	12.3	Material Listing and Weight - Jacket	12.04
	12.4	Material Listing and Weight - Boat Landing	12.06
	12.5	Material Listing and Weight - Boat Fenders	12.08
	12.6	Material Listing and Weight - Piling	12.09

SECTION 1.0

INTRODUCTION

1.1 PURPOSE OF REPORT

The purpose of this report is to provide a document insuring the structural integrity of two of the four marine structures of the U.S. Navy East Coast Air Combat Maneuvering Range, offshore of Kitty Hawk, North Carolina. These two structures are identified as Structure 3 at Site 3 and Structure 4 at Site 4, both resting in approximately 105 feet of water.

This report (No. 27-771-96) is part of the documentation required by U.S. Government Contract No. N62477-76-C-0179, Modification No. P0001, let by the Naval Facilities Engineering Command, Department of the Navy, Chesapeake Division with Crest Engineering, Inc., Tulsa, Oklahoma.

Since the analysis of these two structures will differ only in the soil properties at each of their sites, the report will treat them as one except when the soil properties influence the analysis.

1.2 DESCRIPTION OF STRUCTURE

1.2.A Purpose of Structure

These two marine structures, at Site 3 and Site 4, are part of a series of structures comprising the U.S. Navy East Coast Air Combat Maneuvering Range. Their purpose is to provide a platform to support electronic instrumentation necessary for the proper functioning of the East Coast Air Combat Maneuvering Range.

The equipment on each of the structures include:

1. Navigation and aircraft warning lights attached to the top of each of the three columns.

2. A signal horn attached to the underside of the Equipment Deck extending toward the sea.

3. A receiver-transmitter assembly attached to the Equipment Deck in the vicinity of the southwest corner.

4. A solar panel assembly attached to the cantilevered deck on the south side of the Equipment Deck.

5. A battery assembly fastened just north of the solar panel assembly.

6. One air-to-ground antenna attached in the center of the Upper Deck.

7. At Site 3, two ground-to-ground antennas, eight feet in diameter, mounted on vertical guide pipes attached to the southwest column. At Site 4, only one ground-to-ground antenna, eight feet in diameter, mounted on a vertical guide attached to the southwest column. These antennas are adjustable vertically from El. (+) 75.0' to El. (+) 25.0'.

8. A hand-operated, two-ton marine winch located on the Equipment Deck in the southeast corner.

1.2.B Location

The site for the East Coast Air Combat Maneuvering Range is approximately 26 miles offshore of Kitty Hawk, North Carolina.

Structure 3 will be erected within a half of a mile of coordinates 13, 093, 489 North by 1, 645, 346 West (N36^{O} 03' 52", West 74^{O} 58' 59") in 105 feet of water.

Structure 4 will be erected within a half of a mile of coordinates 12, 992, 344 North by 1, 612, 215 West (N 35^{O} 47' 11", W 75^{O} 05' 42") also in 105 feet of water.

Each structure will be oriented so that the side of the platform with the cantilevered solar panel deck will face due South. This places the boat landing on the northeast side of the structure, and locates the column with the ground-to-ground antennas nearest to shore.

1.2.C Structural Description

Each of these two marine structures consists of a three-pile jacket (template) with equilaterally spaced legs through which steel piles are driven into the seabed. The jacket is then secured to the piling by welding shim plates in the annulus between the jacket leg and piling at the top of the jacket legs. A superstructure consisting of an equipment deck and an upper deck is then attached to the piling above the top of the jacket. This tripod structure has the following features:

1. Upper Deck elevation is at (+) 75.0 feet above Mean Low Water to provide an adequate envelope for the hoist on the Equipment Deck.

2. Equipment Deck elevation is at (+) 60.0 feet above MLW to provide an air gap of 8.0 feet between the deck and the maximum crest of the 50 year storm.

3. To avoid any shadowing of the cells, a cantilevered deck is provided on the south side of the Equipment Deck to support the Solar Panel Assembly.

4. The only diagonal bracing framing the superstructure is between El. (+) 60.0 feet and El. (+) 45.0 feet.

5. The equilateral pile spacing at the pile cut-off El.(+) 16.5 feet is 29.0 feet from centerline to centerline.

6. The true jacket batter is 6 to 1 for each of the three legs.

7. Horizontal bracings for the jacket are located at El. (+) 12.0, El. (-) 13.0, El. (-) 41.0, El. (-) 73.0, and El. (-) 105.0. In addition to the perimeter bracings, secondary horizontal bracings connecting the mid-points of the perimeter bracings are located at each of the above elevations. Diagonal bracing connect the levels.

8. A boat landing is provided on the northeast side of the structure from El. (+) 9.0 to El. (-) 3.0.

9. Boat fenders are attached to the two jacket legs on the boat landing side of the structure to protect the structure from sustaining damage from large impacts of approaching boats. The fenders consist of rubber tires installed around a vertical concrete filled pipe from El. (+) 12.0 to El. (-) 7.5.

1.3 DESIGN CRITERIA

1.3.A Environmental Criteria

1. Wave Data - 50 year storm

MLW Depth	105.0 ft.
Storm Wave Height	61.3 ft.
Storm Wave Period	13.6 sec.
Maximum Storm Tide	3.3 ft.
Maximum Astronomical Tide	4.4 ft.
Extreme Surface Current	4.7 ft./sec.
Mudline Current	1.2 ft./sec.

2. Wind Data

Maximum Gust	174.0 mph
1 Minute Wind	145.0 mph
1 Hour Wind	114.0 mph

The approach of the storm wind and wave can be from any direction.

1.3.B Foundation Criteria

1. The basis for the foundation design is a McClelland report to Cubic Corporation entitled "Foundation Investigation East Coast ACMR Ocean Structures, Volume I". The soil information to be used in this analysis is one boring at Site 3A and one boring at Site 4 in the aforementioned report.

2. Due to the nature of the sea bottom and sea bottom currents, scouring of 5 feet below the mudline will be used in the piling design to develop the theorectical soil resistance to laterally applied loads.

1.3.C Live Loads

The design live loads will be:

Equipment Deck	150 psf
Top Deck	100 psf

The loads will be distributed uniformly over the entire deck areas.

1.3.D Material

All structural shapes or fabricated tubular goods are to be ASTM A-36 or equal except for the material used for the structure legs at the joint cans which is to be ASTM A-633, Grade A.

1.3.E Corrosion Protection

1. All portions of the platform above elevation (-) 4.0 feet will be painted.

2. All main structural members located within the splash zone will have an extra 1/2" of sacrificial steel added to their wall thickness. This can be in the form of extra wall thickness or a 1/2" steel plate wrap.

3. The portion of the platform below elevation (-) 4.0 feet will be protected by cathodic protection. This will be provided by sacrificial anodes having a theoretically expected life of twenty years.

1.3.F Pile-Jacket Connection

The platform is analyzed as if the annulus between the jacket and the piling is not grouted. Shim plates will be provided at each horizontal bracing level. Jacket to pile connection is made by welding at elevation (+) 16.5 feet.

1.3.G Design Standards

The criteria employed for determination of structural acceptability are specified by the following documents:

1. American Petroleum Institute (API):

   RP 2A Recommended Practice for Planning, Designing and Constructing Fixed Offshore Platforms; 7th Edition, January 1976.

   Spec. 2H Carbon Manganese Steel for Offshore Platform Tubular Joints; 1st Edition, January 1974; Supplement 1, January 1975.

2. American Institute of Steel Construction (AISC):

   Specification for the Design, Fabrication and Erection of Structural Steel for Buildings; February 12, 1969.

3. American Society for Testing and Materials (ASTM):

A36-75 Structural Steel

A633-75 Normalized High-Strength Low-Alloy Structural Steel.

4. American Welding Society (AWS):

D1.1-75 Structural Welding Code. (Rev. 1-76)

1.4 DESIGN ASSUMPTIONS

1.4.A Environmental Criteria

1. Wave Data

(a) Wave Coefficients

$C_D = 0.74$ $C_M = 1.34$

These wave coefficients are the wave coefficients used to generate Dean's Stream Function wave grid profile for a 3.0 ft. diameter pile. It is assumed that these wave coefficients are applicable to all tubular shapes in this structure.

(b) Wave-Current Coupling

The pressures indicated by Dean's Stream Function wave grid profile include the coupling of the wave forces with the current forces.

2. Wind Data

The structure is designed for the one minute wind superimposed on the 50 year storm wave.

1.4.B Equipment Loads

All equipment loads are included in the area live load. This is a valid assumption because no piece of equipment has a density to produce a load greater than 150 psf.

1.4.C Marine Growth

1. A 1.0" marine growth allowance on the radius is included on all primary jacket members from (+) 0.0 ft. to the mudline.

2. The effective diameter for the drag area produced by the marine growth is:

$$Deff = (Dact + 2.0") \quad (\frac{1.02}{0.74})$$

where 1.02 = C_d for medium barnacle fouling

0.74 = Assumed magnitude of Dean's C_d

1.5 DESIGN SUMMARY

1.5.A Environmental Forces:

Total wind and wave shear force (Maximum - Load Condition #2)	1,428 kips
Total overturning moment	125,000 ft.-kips

1.5.B Pile Axial Loads:

Maximum Compressive Load (Load Cond. #11 + Pile Weight below Mudline)	2,950 kips
Maximum Tensile Load (Load Cond. #13 + Live Load - Pile Weight below Mudline)	1,950 kips

1.5.C Structural Dimensions:

Piling

Outside Diameter	42 in.
Maximum Wall Thickness	2.37 in.
Minimum Wall Thickness	2.00 in.
Penetration Below Mudline (Structure 3)	240 ft.
Penetration Below Mudline (Structure 4)	270 ft.

Jacket

Spacing at Mudline	64.0 ft.
Spacing at Work-Point Level	29.0 ft.
Height (Mudline to Work-Point)	121.5 ft.

Superstructure

Equipment Deck Area	556.0 ft.^{2}
Top Deck Area	364.0 ft.^{2}

1.5.D Structural Steel Weight

Item	Structure 3	Structure 4
Piling	1,036 kips	1,133 kips
Superstructure	132 kips	132 kips
Jacket	373 kips	373 kips
Boat Landing	24 kips	24 kips
Boat Fenders	14 kips	14 kips
Anodes	16 kips	16 kips
Total	1,595 kips	1,692 kips
Insert Piling		450 kips

SECTION 2.0

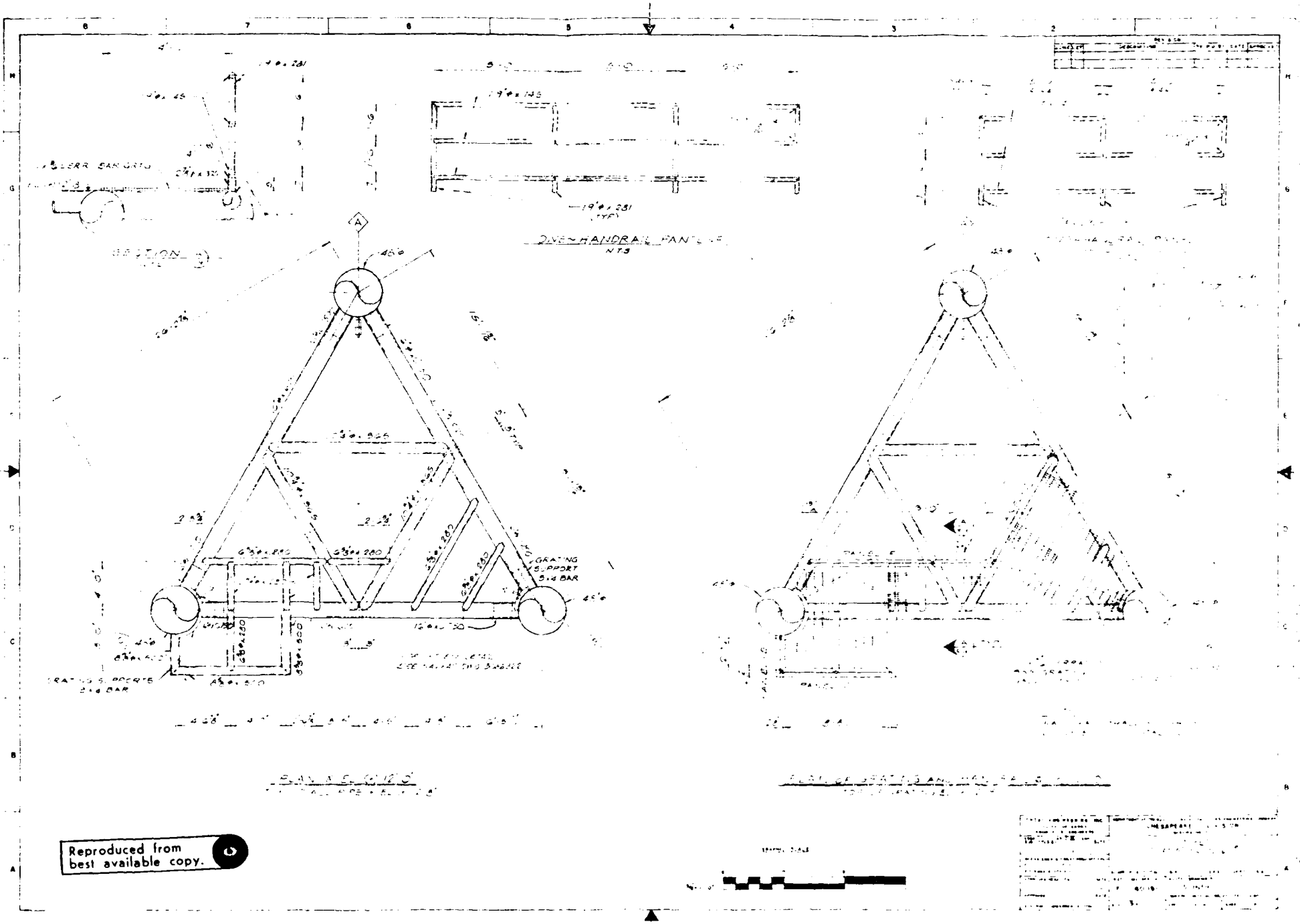
STRUCTURAL DRAWINGS

2.1 INTRODUCTION

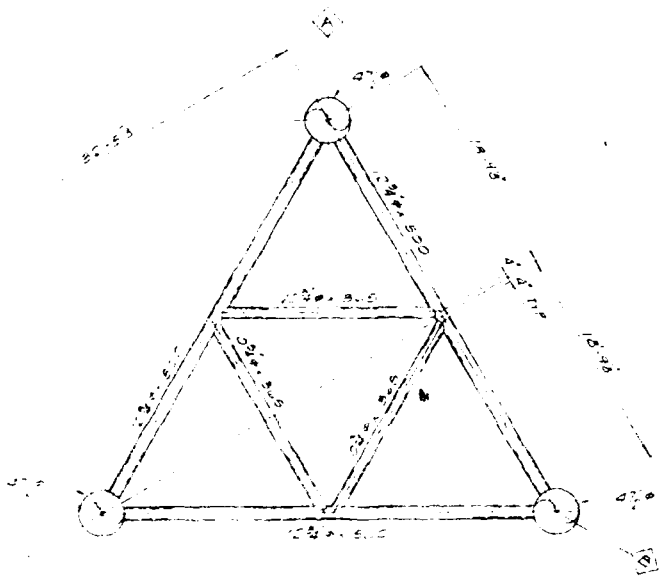
A few selected structural engineering drawings are included in this chapter for reference to the design calculations. The Introduction to each Section in this report lists the appropriate drawings pertinent to that particular section. Reference then can be made to this section of the report for a reduced copy of the drawing.

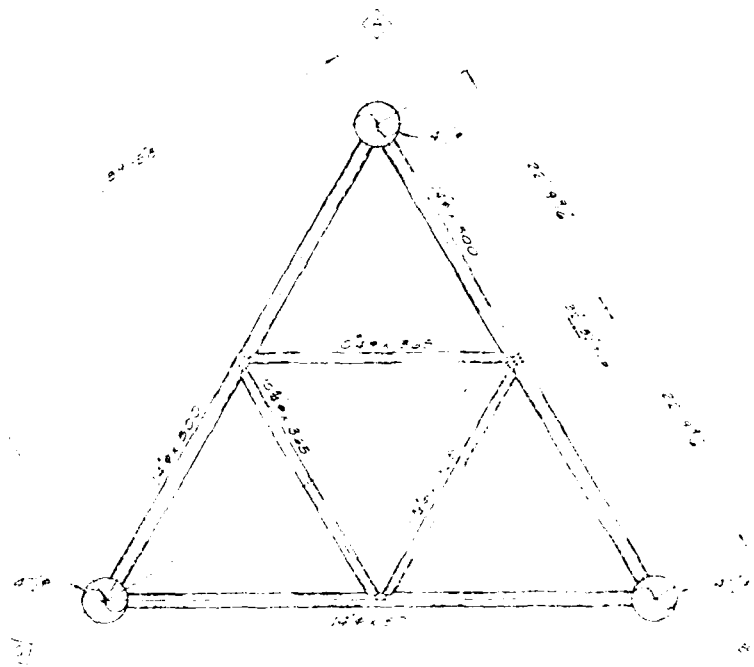
The drawings comprising this section are listed below:

3016263	Vicinity Plan	2.02 ⇒ [illegible]
3016314	Assembly Drawing - 105 Ft. MLW Platform	2.03 ⇒ [illegible]
3016315	Jacket - Elevations	2.04 ⇒ [illegible]
3016316	Jacket - Plan at El. (+) 12'-0"	2.05
3016317	Jacket - Plan at El. (-) 13'-0" & (-) 41'-0"	2.06
3016318	Jacket - Plan at El. (-) 73'-0" & (-) 105'-0"	2.07
3016320	Jacket - Pile Shims & Leg Connection	2.08
3016322	Jacket - Lift Eye Details	2.09
3016323	Jacket - Anode Details	2.10
3016327	Jacket - Pile Details, Platform 3	2.11
3016328	Jacket - Pile Details, Platform 4	2.12
3016329	Superstructure - Elevations	2.13
3016330	Superstructure - Upper Deck Framing	2.14
3016331	Superstructure - Equipment Deck Framing	2.15
3016340	Insert Pile Details, Platform 4	2.16



Reproduced from best available copy.





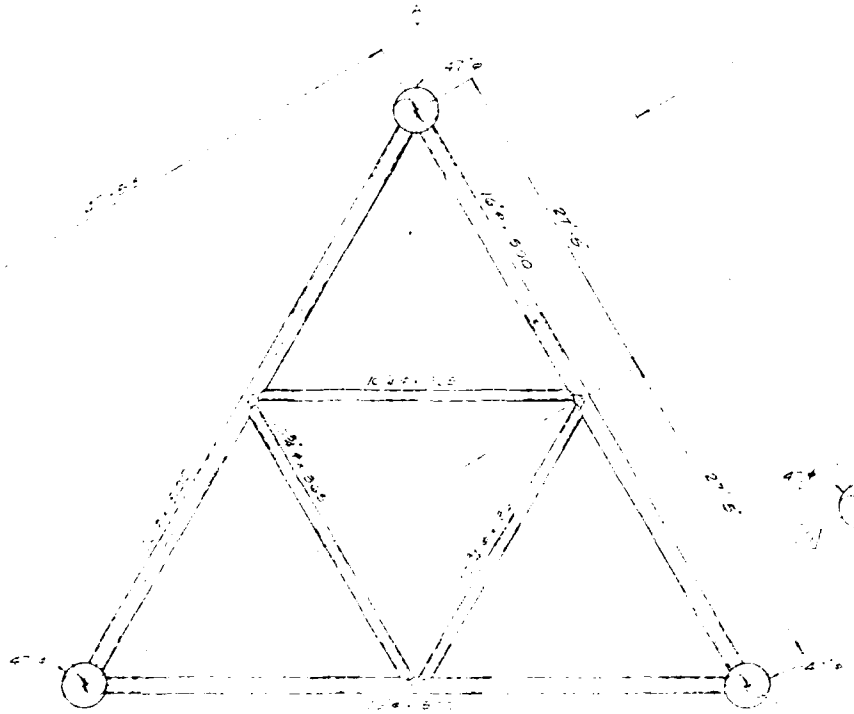
Reproduced from
best available copy.

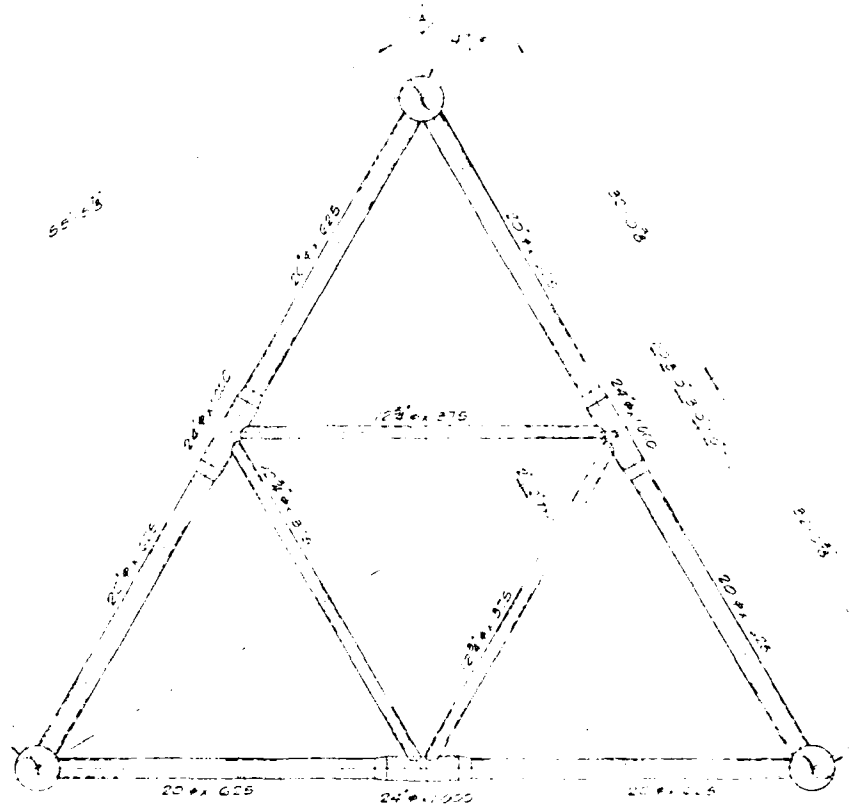
CHESAPEAKE DIVISION

JACKET

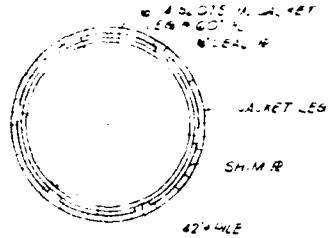
PLANS AT ELEV (-)13'-0" & (-)14'-0"

83091





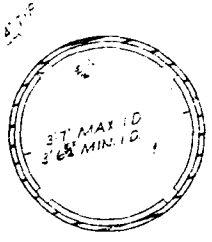
Reproduced from
best available copy.



NOTE:
DO NOT STOP PILE WITH CIRCUMFERENTIAL WELD IN SHIM AREA
ERECTOR TO USE SHIMS IN SLOTTED GUIDE SLOTS TO AVOID DAMAGE TO JACKET LEGS
ORIENT SLOTS TO AVOID LIFTING EYES
CONTRACTOR SHALL DRILL OR BURN VENT HOLES AS REQUIRED TO VENTILATE FLOW THRU OF PILE FIELD WELDS

CONTRACTOR TO FURNISH FOLLOWING SHIMS
6 @ 6'-6" x 18⅜" x 2"T SHIMS TO BE ROLLED AND
12 @ 6'-4" x 18⅜" x 2"T FABRICATED TO MAINTAIN
6 @ 6'-2" x 18⅜" x 2"T TOLERANCES SHOWN

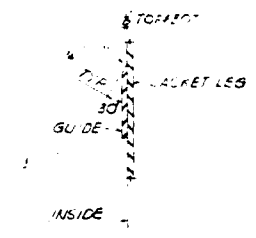
ELEVATION OF LEG PILE TO LEG CONNECTION PILE GUIDE DETAILS



PILE OMITTED FOR CLARITY

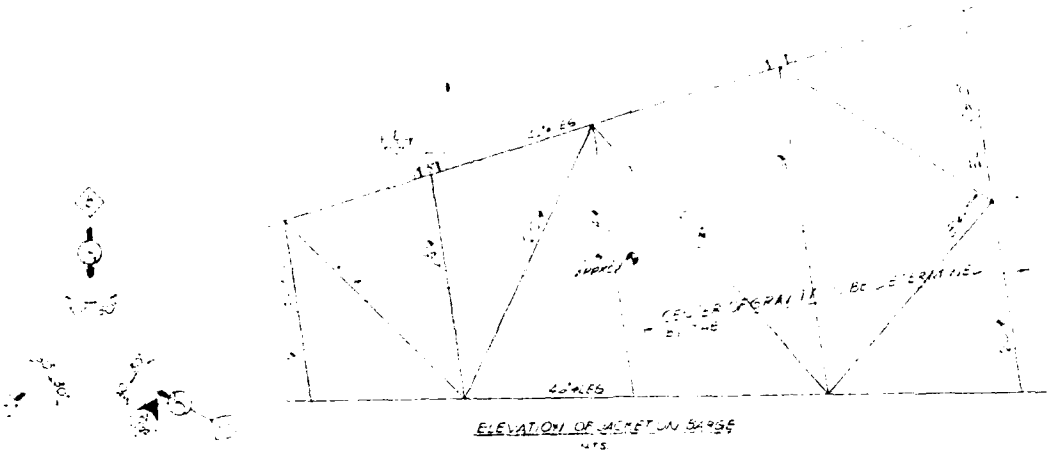
SECTION (4/A100)

NOTE THE CONTRACTOR SHALL SIZE SHIM PLATES TO MAINTAIN DIAMETER TOLERANCES SHOWN AFTER FABRICATION & LOAD-OUT TOLERANCES SHALL BE RECHECKED & PILE GUIDES REPLACED IF NECESSARY.

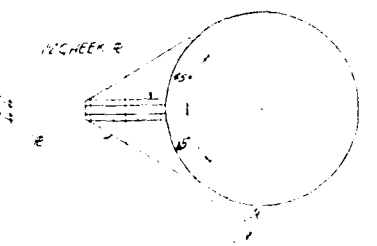


CHESAPEAKE DIVISION	
JACKET	
PILE SHIMS & LEG CONNECTION	
F 80091	3086320

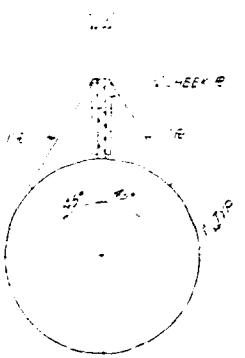
Reproduced from best available copy.



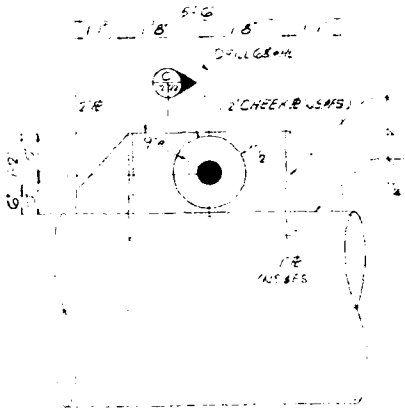
ELEVATION OF JACKET ON BARGE



VIEW B

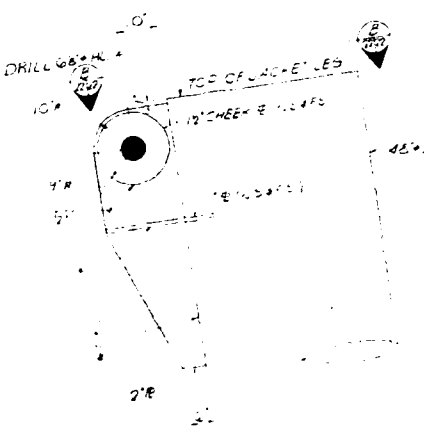


SECTION



DETAIL

THE CONTRACTOR IS RESPONSIBILITY TO REVIEW & APPROVE THE LIFTING & INSTALLATION PROCEDURE THE PADEYE LOCATIONS & SIZES ARE SHOWN AS TYPICAL & MUST BE REVIEWED TO BE SURE THEY ARE ADEQUATE & COMPATABLE WITH THE INSTALLATION EQUIPMENT TO BE USED THE CONTRACTOR MUST DETERMINE THE CENTER OF GRAVITY LOCATION & THE HOOK LOAD



SECTION



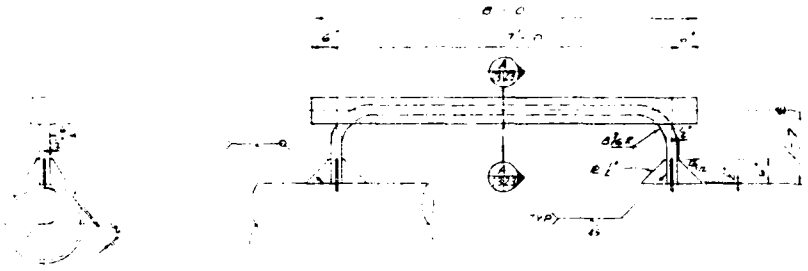
GRAPHIC SCALE

CHESAPEAKE DIVISION

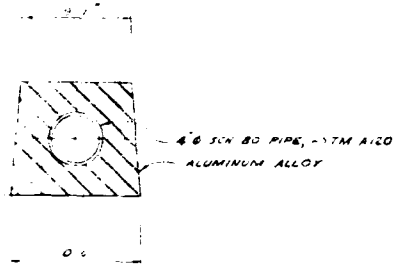
JACKET LIFTING EYES

30M522

Reproduced from best available copy.



ANODE DETAIL
SCALE 1" = 1'-0"



SECTION
SCALE 3" = 1'-0"

ANODE WEIGHT LBS EACH

ALUMINUM ALLOY	CORE	TOTAL ANODE
7.5	1.0	845

ANODE SCHEDULE

LOCATION	NO. REQD
FACE A-B	4
FACE B-C	4
FACE A-C	8
TOTAL NO	16

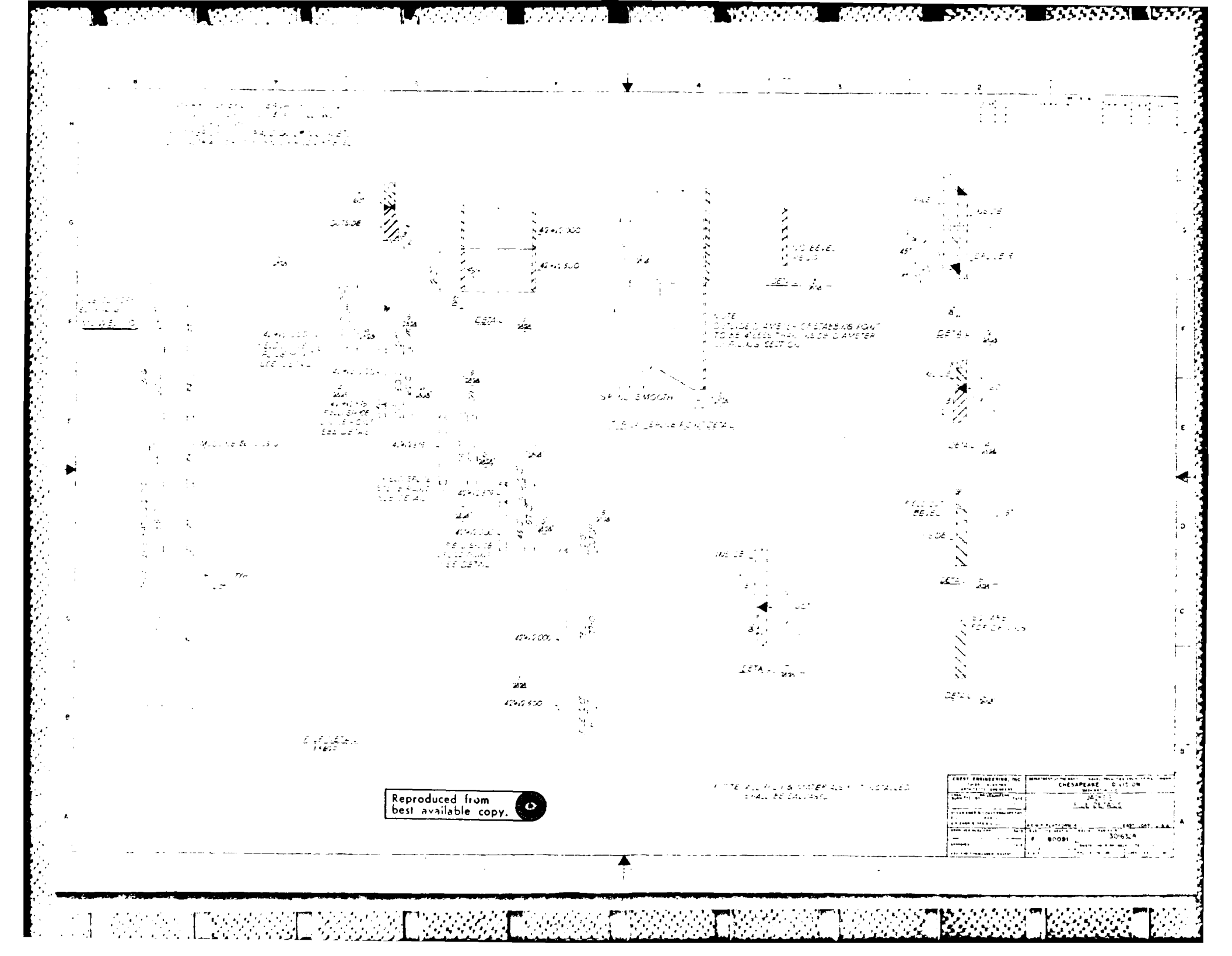
Reproduced from
best available copy.

GRAPHIC SCALES

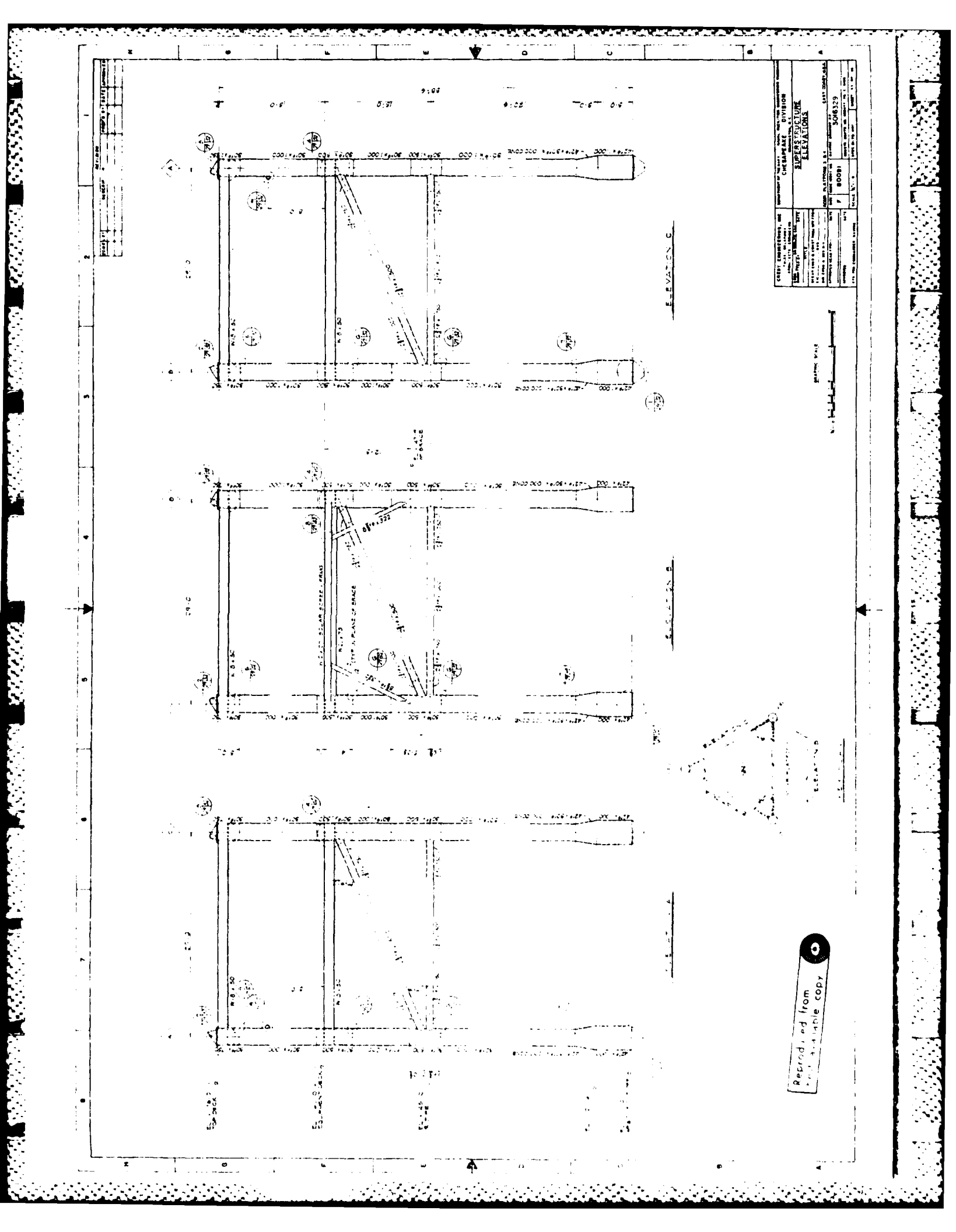
CHESAPEAKE DIVISION

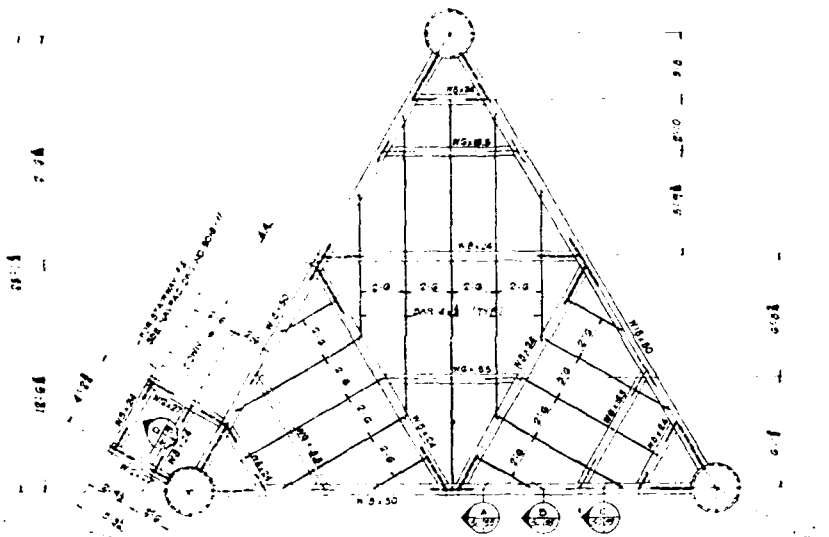
JACKET
ANODE DETAILS

F 60091 3016323

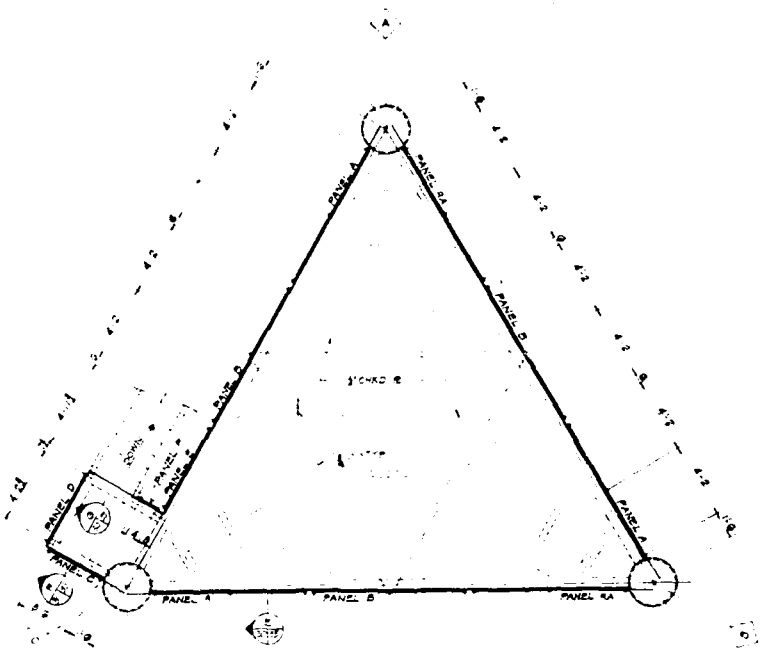


Reproduced from
best available copy.


SUPERSTRUCTURE
ELEVATIONS
3066329
ELEVATION C
ELEVATION B
ELEVATION D
Reproduced from best available copy



UPPER DECK FRMG PLAN



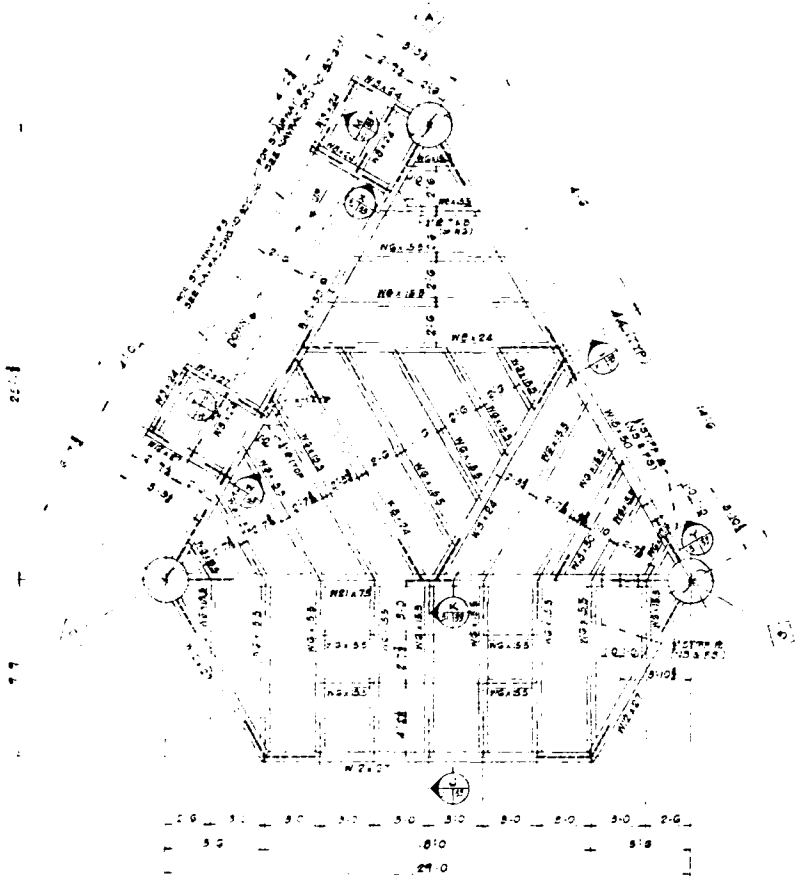
UPPER DECK PLATE & H.R. LAYOUT

Reproduced from best available copy.

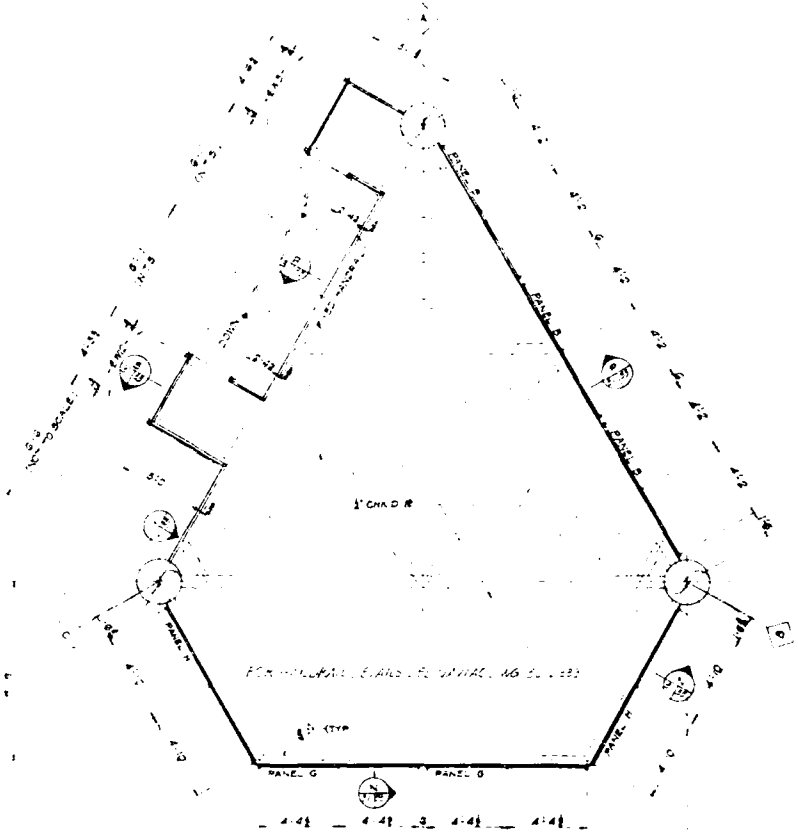
CHESAPEAKE DIVISION

SUPERSTRUCTURE
UPPER DECK FRMG &
DECK PLATE & H.R. LAYOUT

3016330



EQUIPMENT DECK FRMG PLAN



EQUIPMENT DECK PLATE & H R LAYOUT

Reproduced from best available copy.

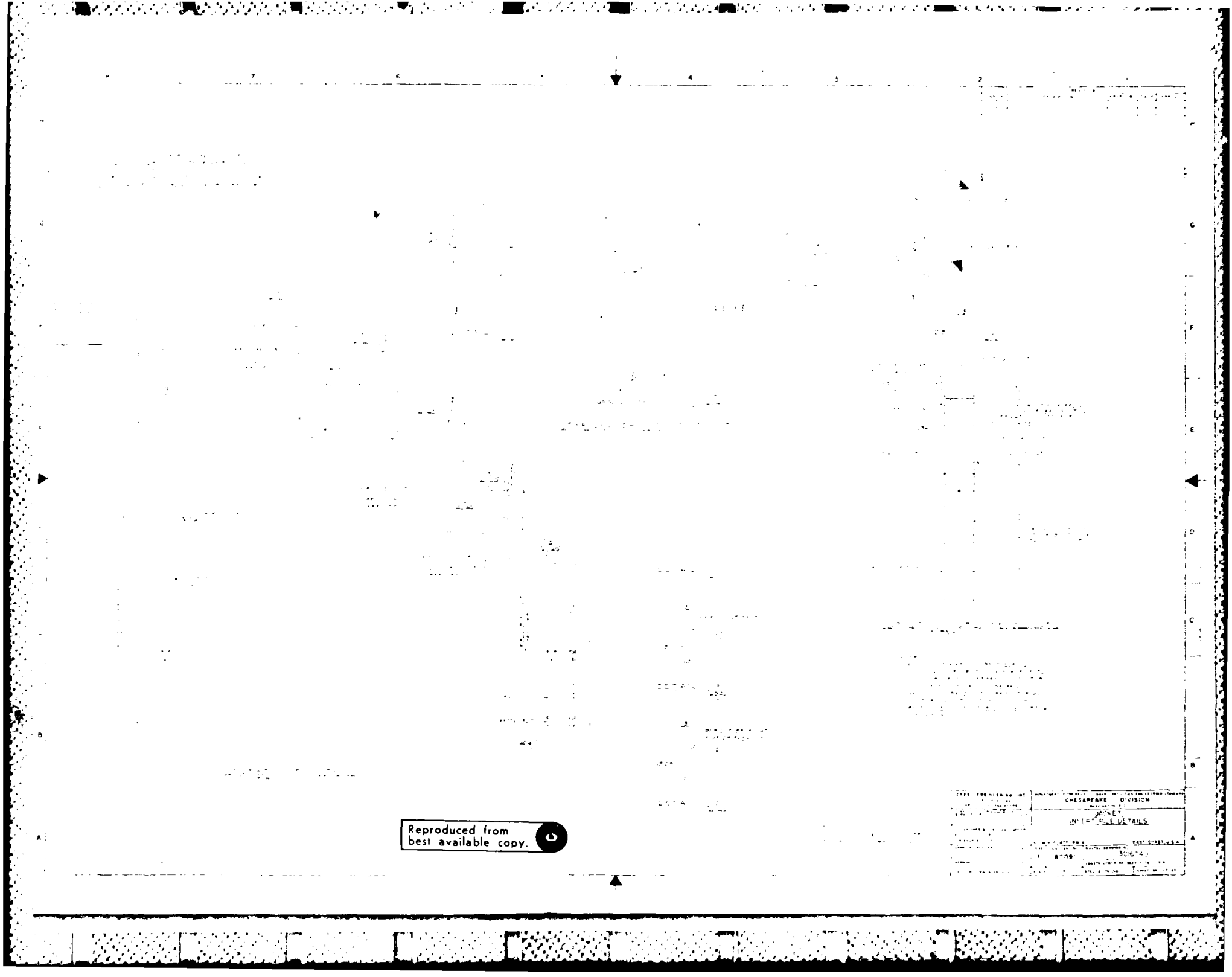
GRAPHIC SCALE

CHESAPEAKE DIVISION

SUPERSTRUCTURE
EQUIPMENT DECK FRMG &
DECK PLATE & H R LAYOUT

F 80081

301613



Reproduced from
best available copy.

SECTION 3.0

STRUCTURAL IDEALIZATION

3.1 INTRODUCTION

This section presents the mathematical structural model used for the analysis of the 105 feet MLW structures.

The structure is modeled as a space frame. Joint coordinates and member incidences are generated, as illustrated in Section 3.2, to obtain an efficient computer model. The model is then used in the SEALOAD program to generate the wave loads applied to the structure during the 50 year storm. Finally, the model is used in the STRAN program with the wave loadings produced by SEALOAD to analyze the structure for the 50 year storm.

To fully represent the jacket's structural behavior, dummy members are used to simulate the pile-jacket interaction. These members are modeled so that only shears perpendicular to the piling are transferred between the jacket and the piling.

The pile-soil interaction is considered in STRAN through the Coupled Interaction Analysis feature. This achieves convergence between the boundary conditions of the nonlinear pile foundation and the linear structure. The input data required for this feature is found in Section 3.5.

In STRAN the individual structural members of the mathematical model of the structure are not given distinct integers for identification. Each structural member is identified by the joint number at the beginning of the member and the joint number at the end of the

member. Therefore, Member 701-703 is that member of the model connecting Joint 701 to Joint 703. The member start is Joint 701 and the member end is Joint 703, and therefore, the local (member) x - axis is positive toward Joint 703.

Also in STRAN, member properties are designated through GROUPS. Each GROUP has a unique set of member properties, and each member of the model is assigned to a particular GROUP with the member incidence card. A list of the GROUP designations is found in Section 3.3. The member properties of each GROUP are listed in Section 3.7.

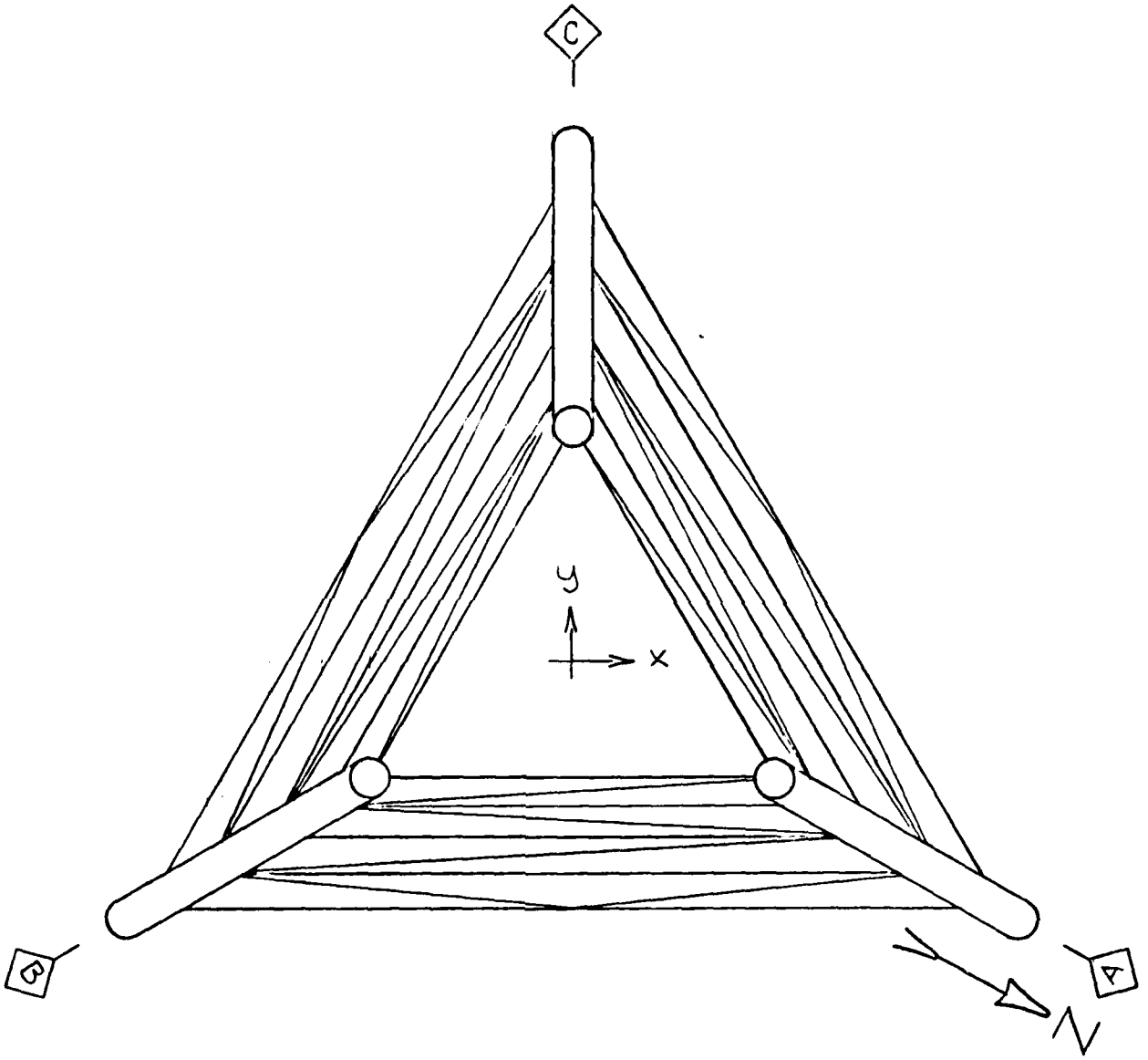
Reference Drawings:

3016315	Jacket - Elevations
3016316	Jacket - Plan at El. (+) 12'-0"
3016317	Jacket - Plan at El. (-) 13'-0" & (-) 41'-0"
3016318	Jacket - Plan at El. (-) 73'-0" & (-) 105'-0"
3016329	Superstructure - Elevation
3016330	Superstructure - Upper Deck Framing
3016331	Superstructure - Equipment Deck Framing

CREST OFFSHORE, INC.

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 6-30-76 Job No. 27-771-96 Calculation

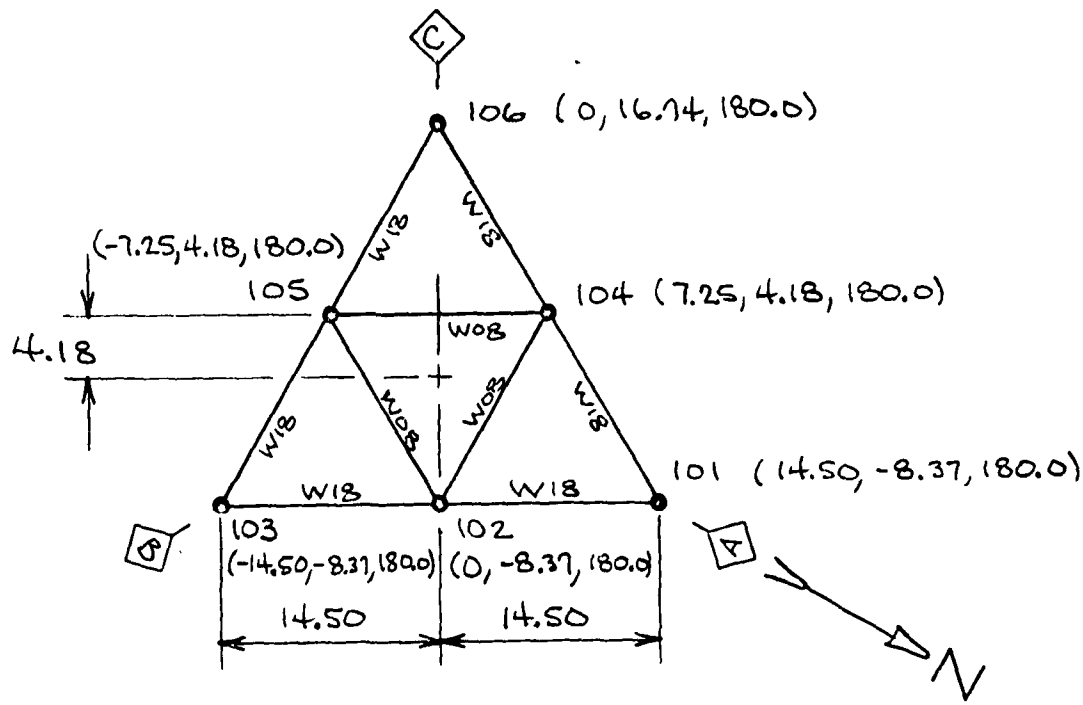
3.2 Sketches - Plans and Elevations



KEY PLAN

CREST OFFSHORE, INC.

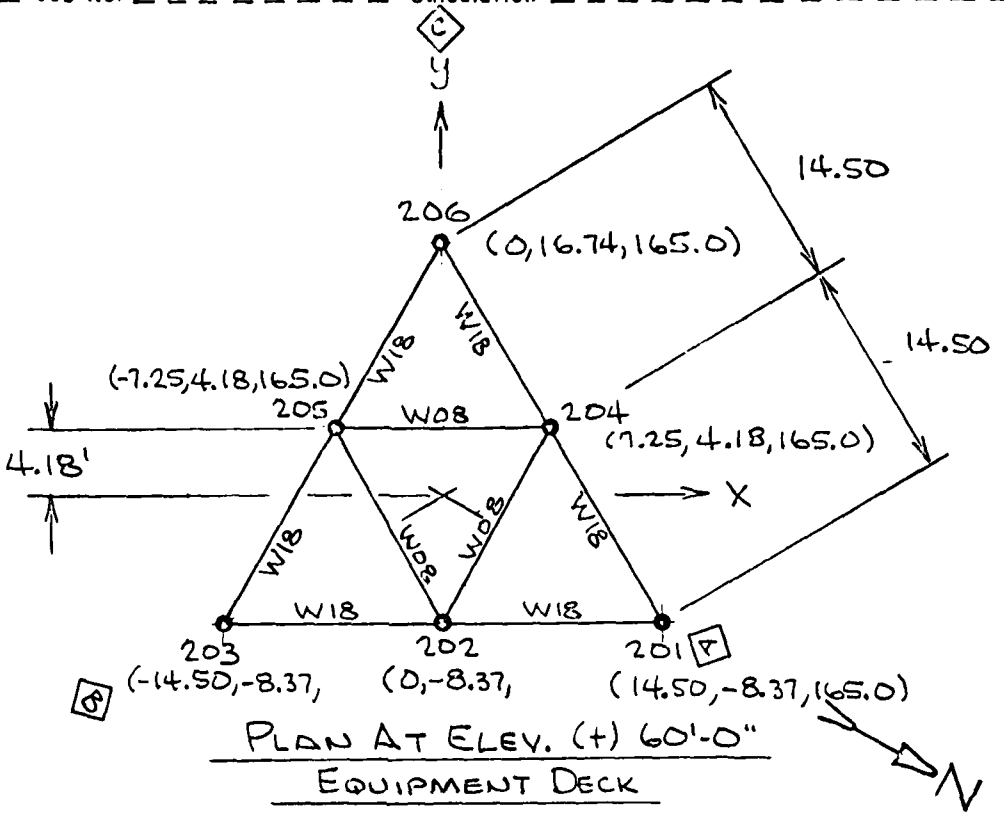
By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 6-30-76 Job No. 27-771-01 Calculation MATH MODEL



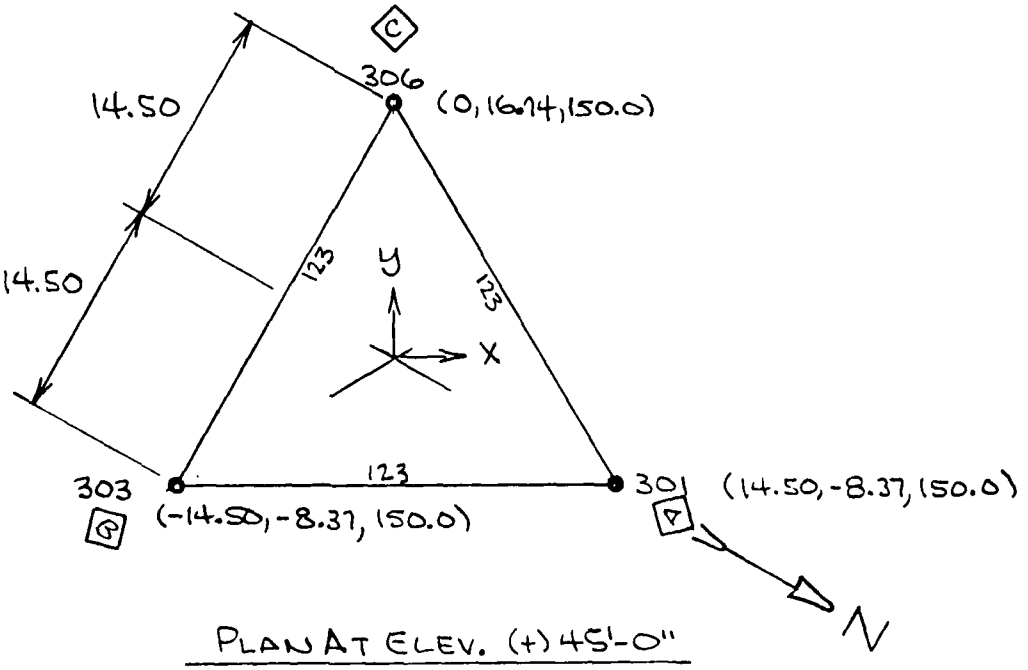
PLAN AT ELEV. (+) 75'-0"

CREST OFFSHORE, INC.

By L.KIRK Client U.S.NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 6-30-16 Job No. 21-111-96 Calculation MATH MODEL



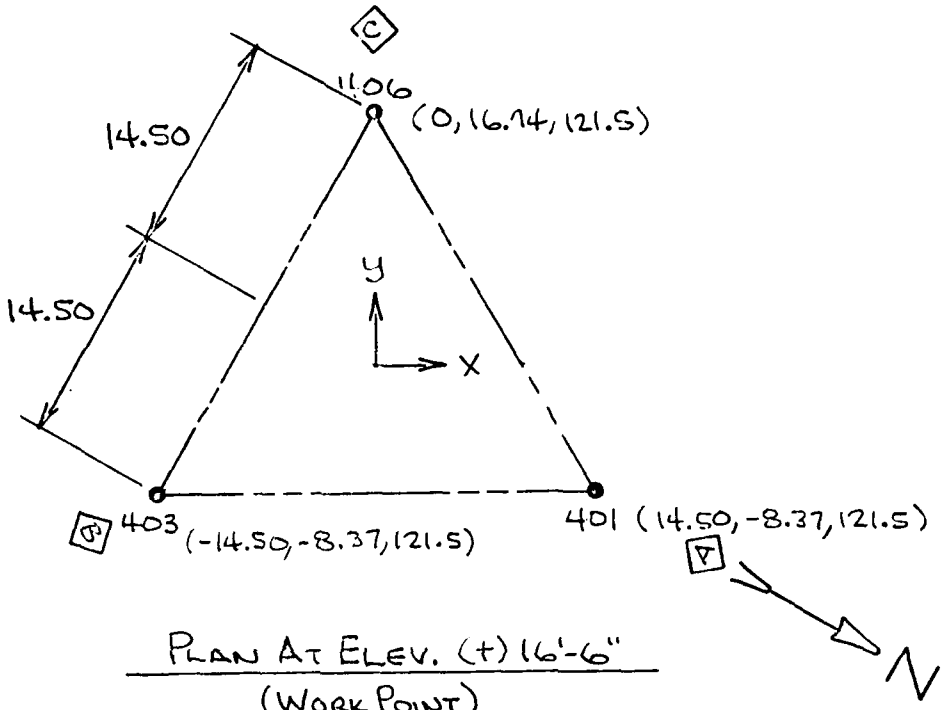
PLAN AT ELEV. (+) 60'-0"
EQUIPMENT DECK



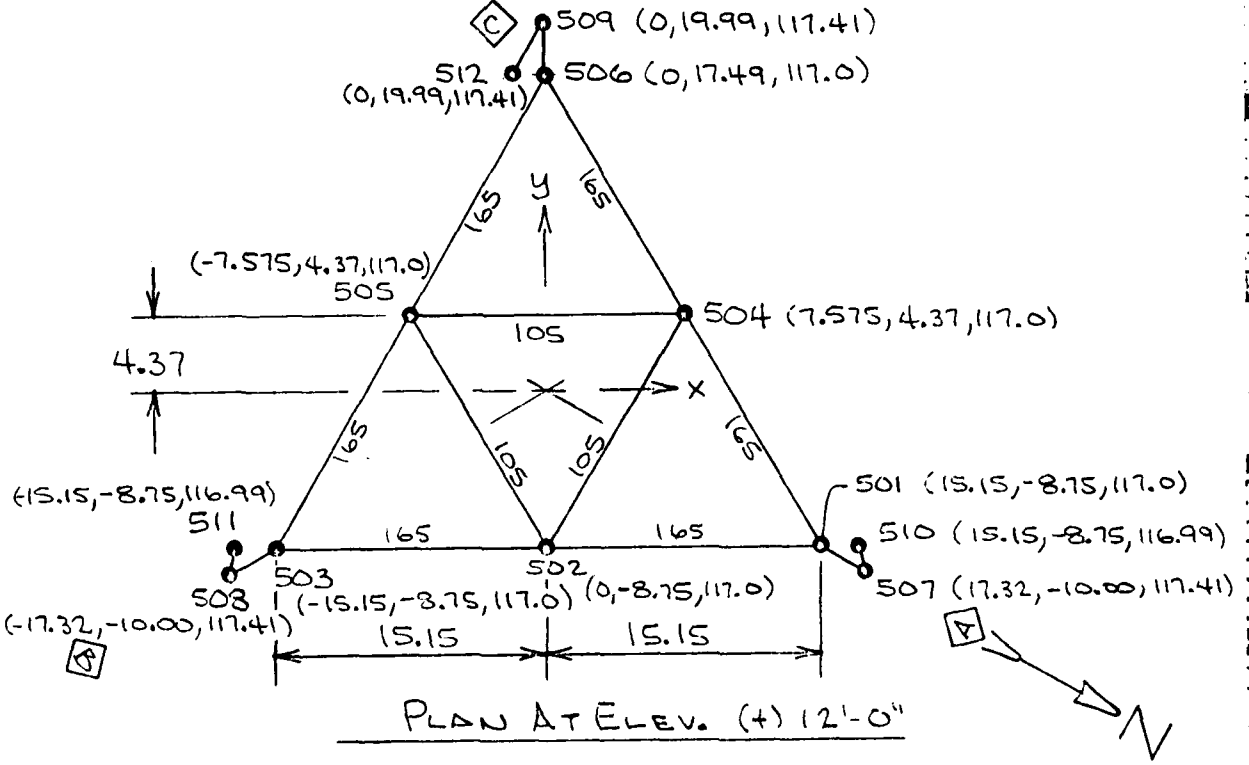
PLAN AT ELEV. (+) 45'-0"

CREST OFFSHORE, INC.

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 6-30-96 Job No. 27-111-96 Calculation MATH MODEL



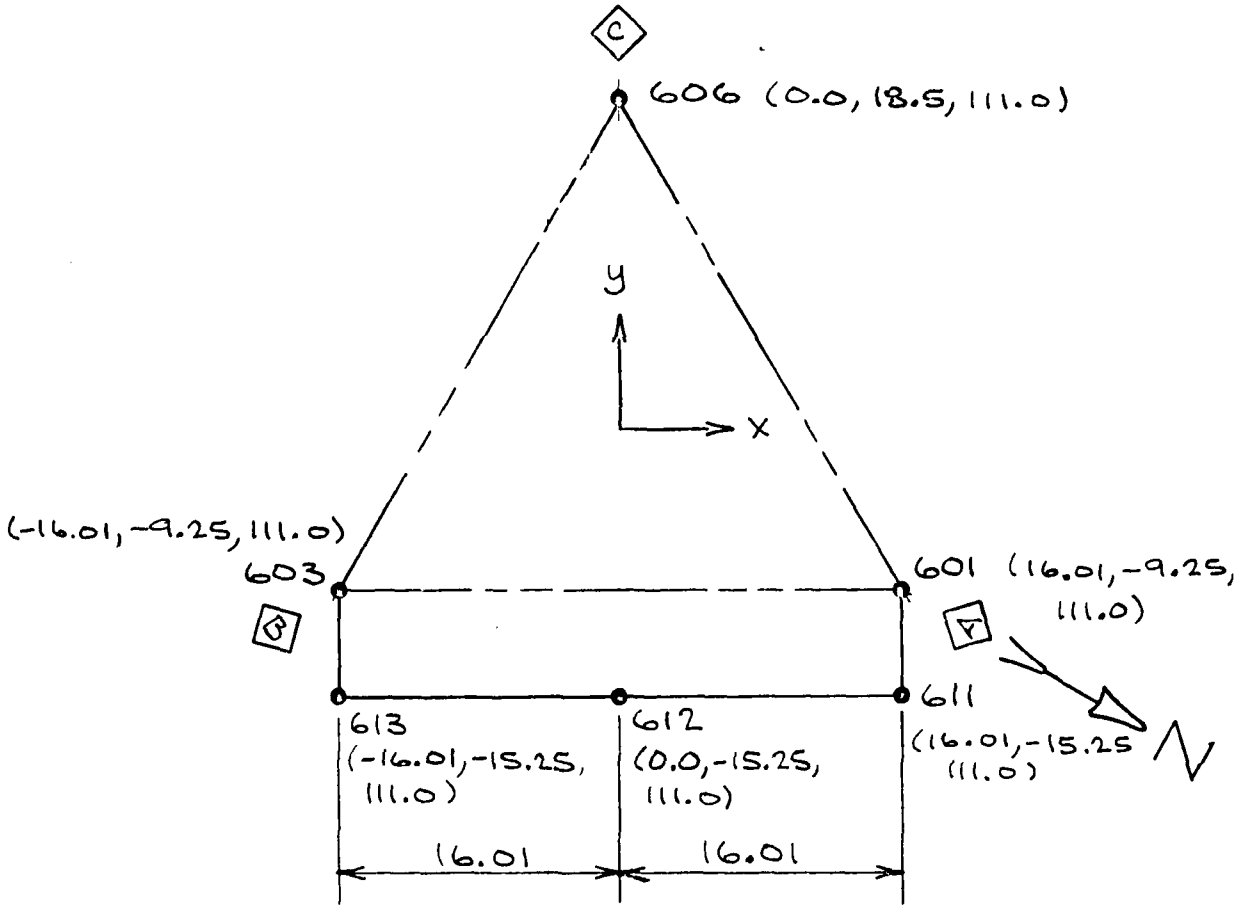
PLAN AT ELEV. (+) 16'-6"
(WORK POINT)



PLAN AT ELEV. (+) 12'-0"

CREST OFFSHORE, INC.

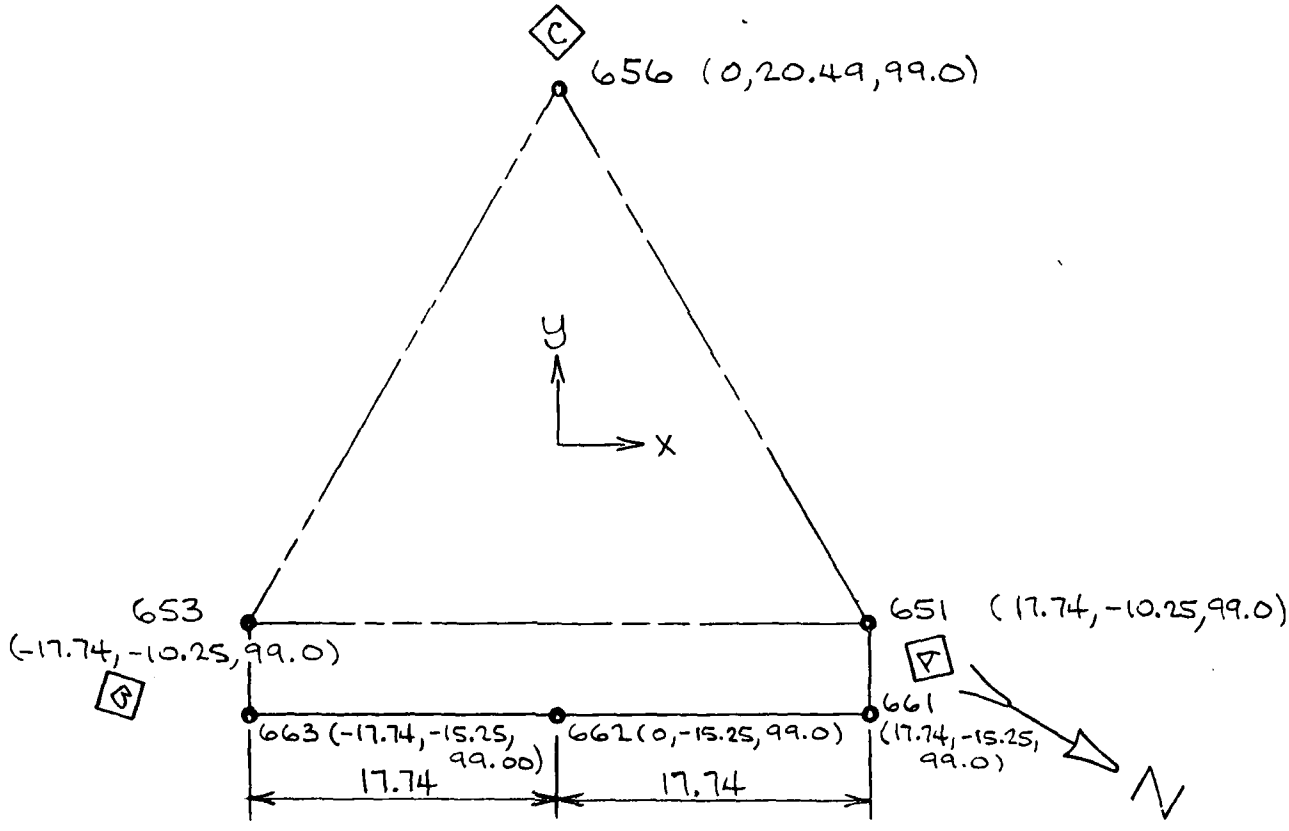
By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 7-22-96 Job No. 21-111-96 Calculation MATH MODEL



PLAN AT ELEV. (+) 6'-0"

CREST OFFSHORE, INC.

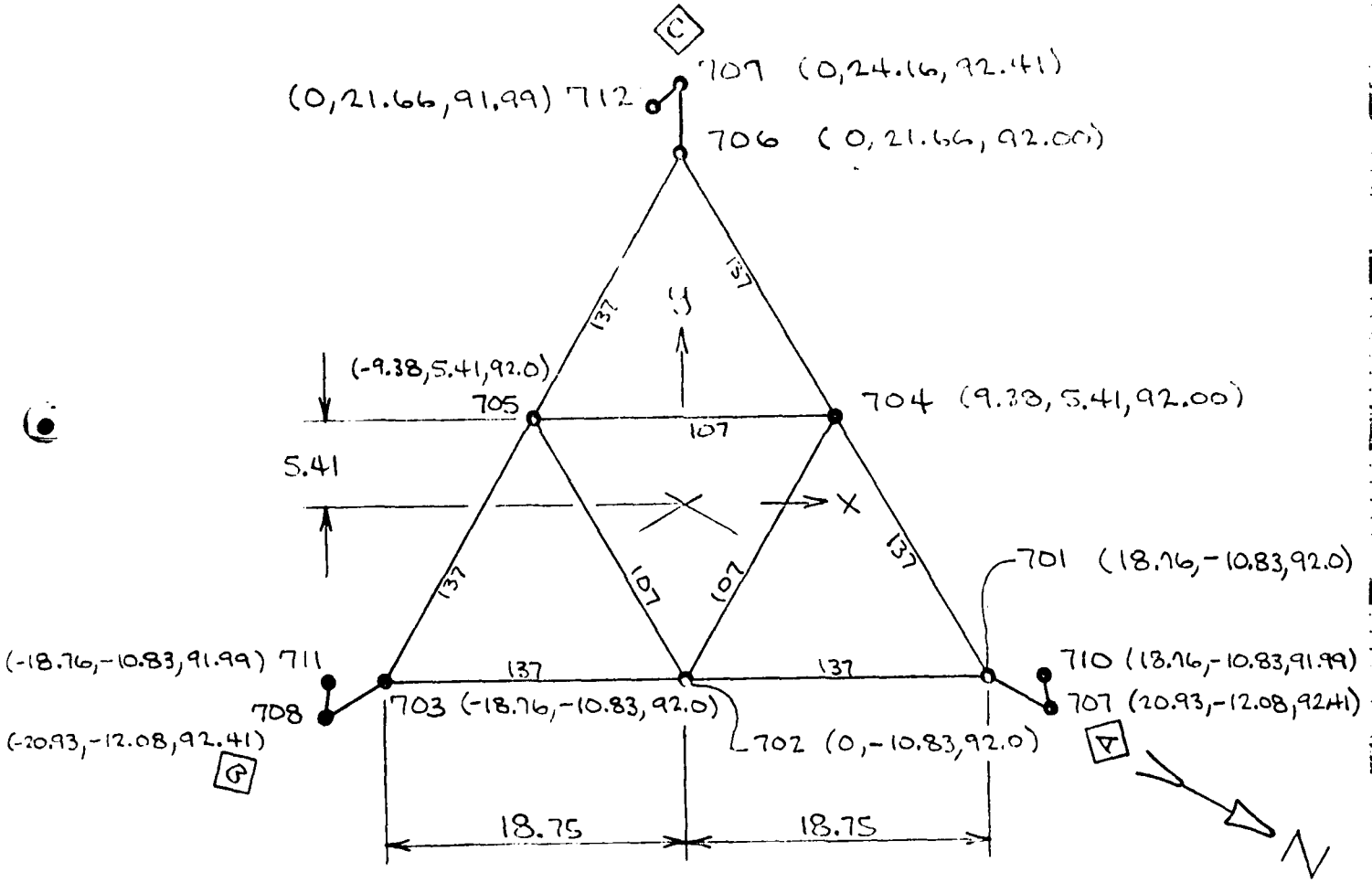
By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 6-30-76 Job No. 27-111-96 Calculation MATH MODEL



PLAN AT ELEV. (-)6'-0"

CREST OFFSHORE, INC.

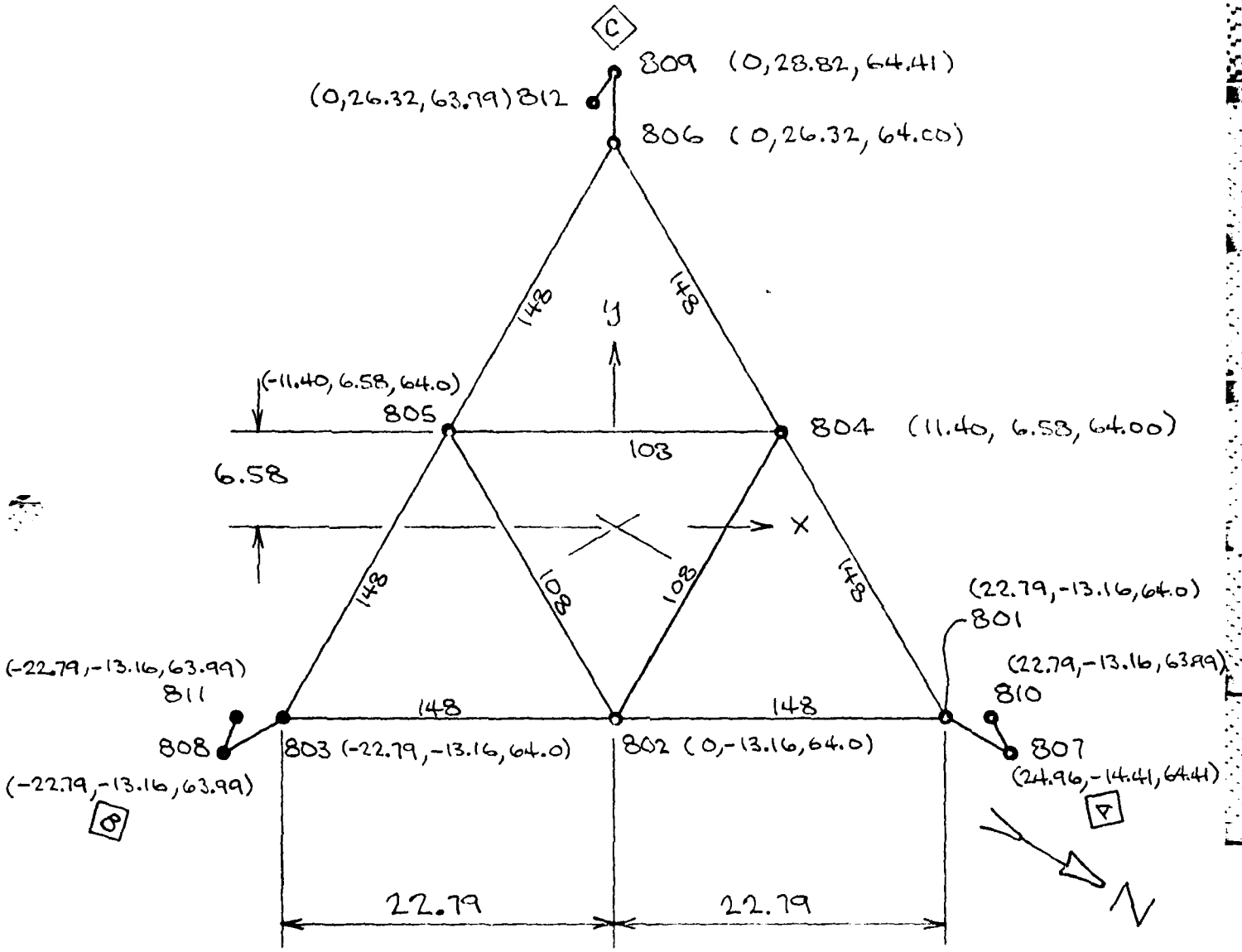
By L. KICK Client U.S. NAVY Subject DESIGN OF 100' MLW STRUCTURE
Date 6-30-76 Job No. 27-771-96 Calculation MATH MODEL



PLAN AT ELEV. (-)13'-0"

CREST OFFSHORE, INC.

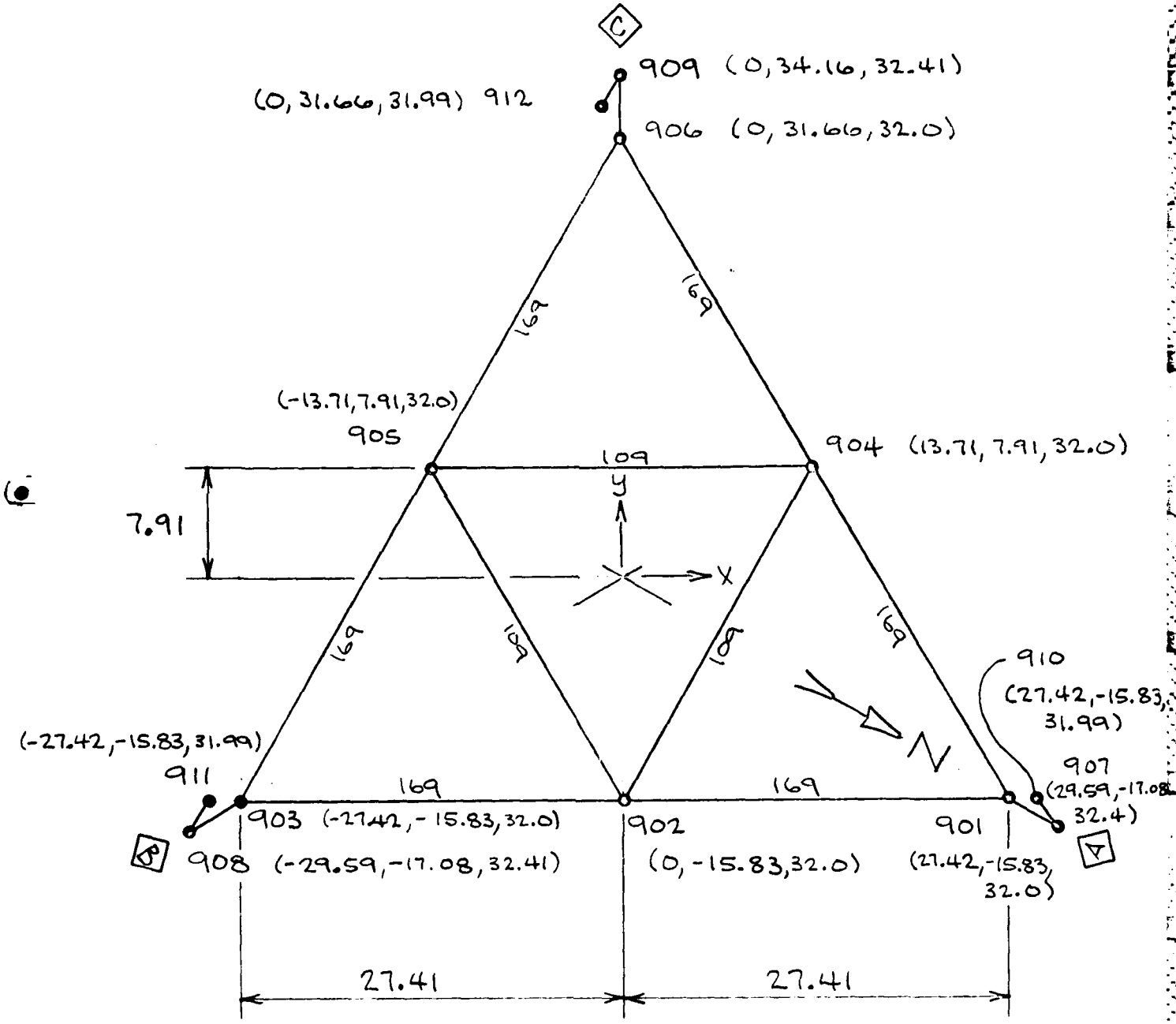
By L. KIRK Client U.S. NAVY Subject: DESIGN OF 105' MLW STRUCTURE
Date 6-30-76 Job No. 27-771-96 Calculation MATH MODEL



PLAN AT ELEV. (-) 41'-0"

CREST OFFSHORE, INC.

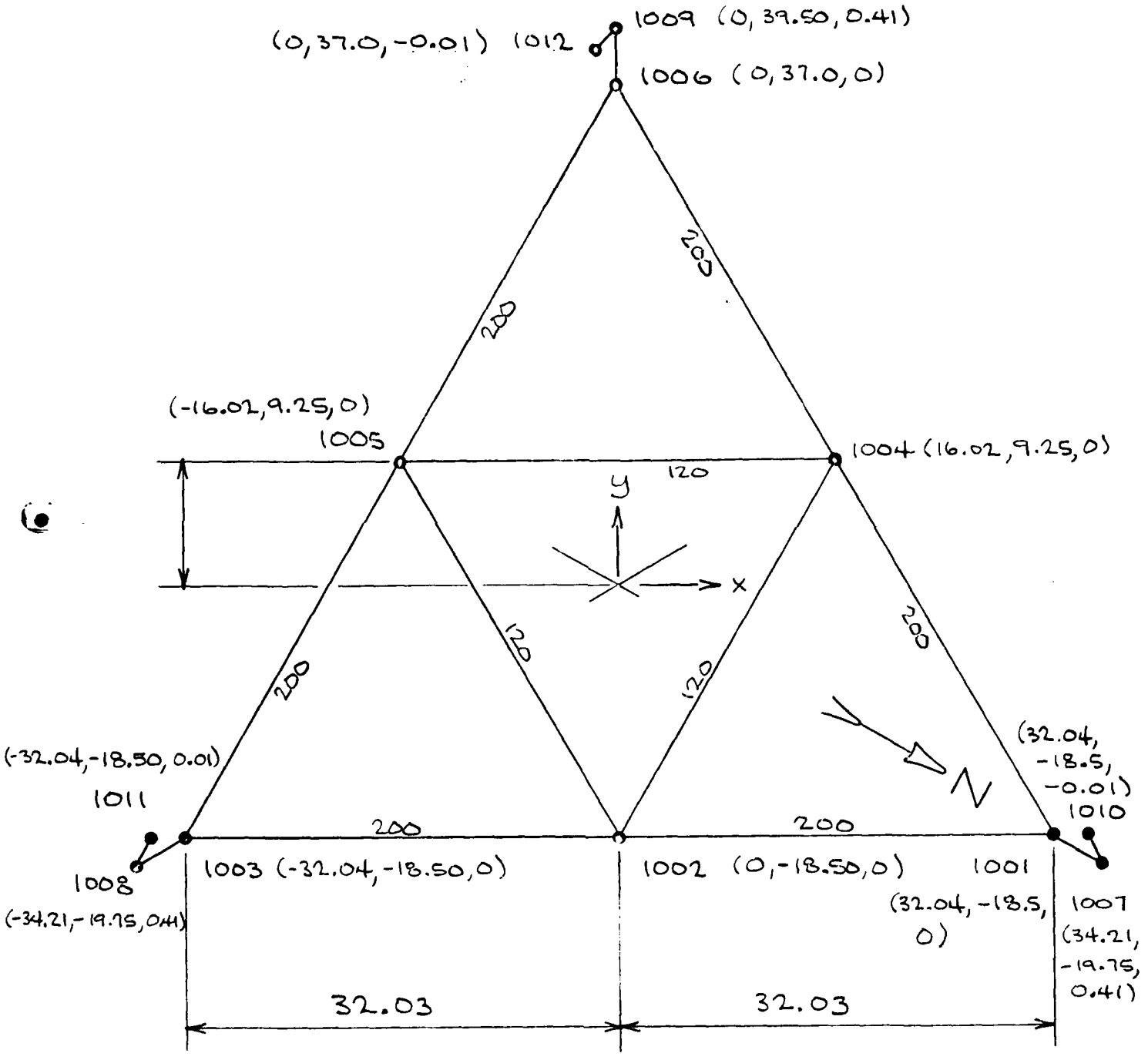
By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 7-22-76 Job No. 27-771-96 Calculation MATH MODEL



PLAN AT ELEV. (-)73'-0"

CREST OFFSHORE, INC.

By L. KIRK Client U. S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 1-22-76 Job No. 27-771-96 Calculation MATH MODEL

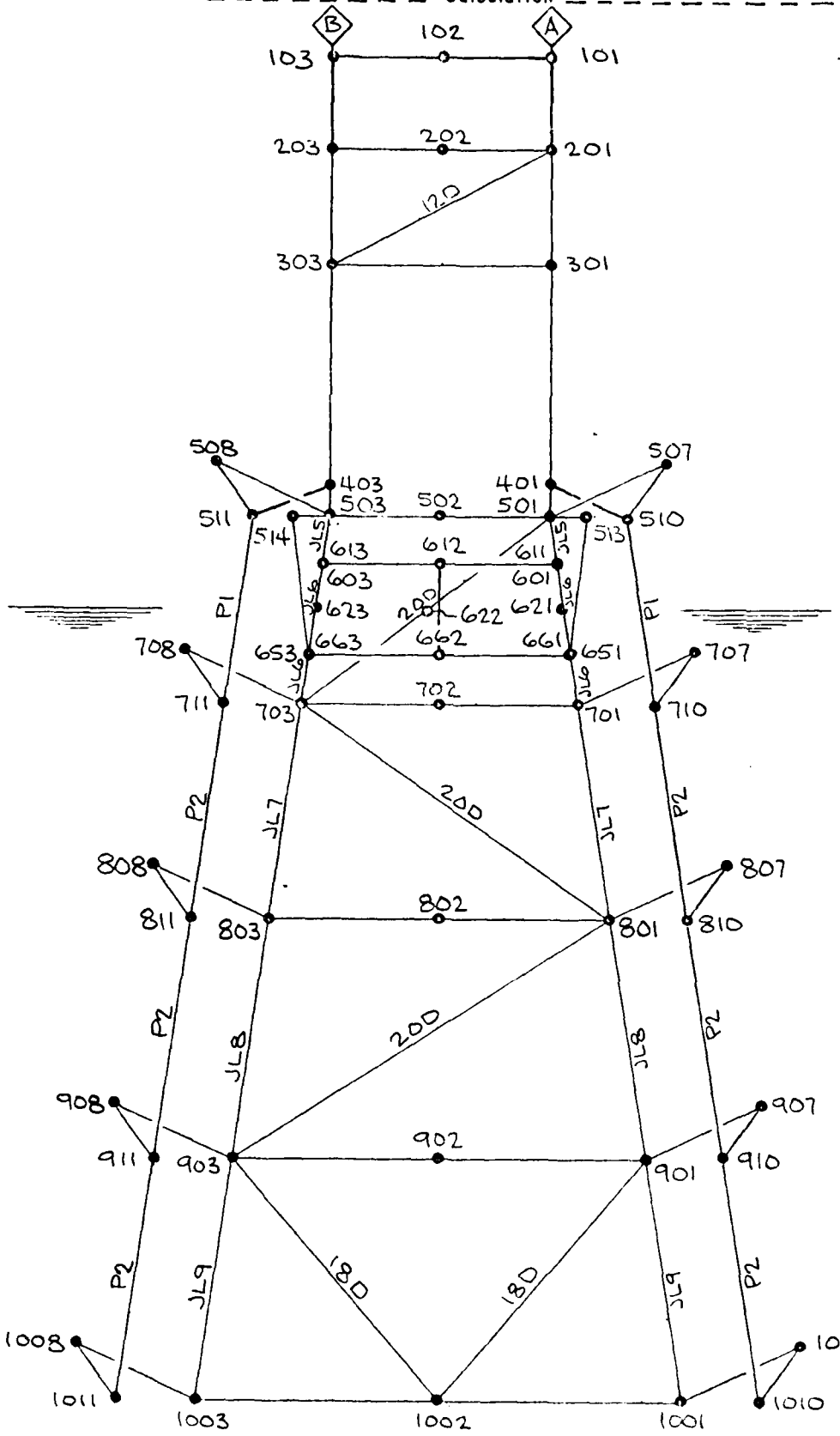


PLAN AT ELEV. (-) 105'-0"

CREST OFFSHORE, INC.

By L. Kirk Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE

Date 6-29-96 Job No. 27-771-96 Calculation MATH MODEL



ELEV. (+) 75'-0"

ELEV. (+) 60'-0"

ELEV. (+) 45'-0"

ELEV. (+) 16'-6"

ELEV. (+) 12'-0"

ELEV. (+) 6'-0"

ELEV. 0'-0"

ELEV. (-) 6'-0"

ELEV. (-) 13'-0"

ELEV. (-) 41'-0"

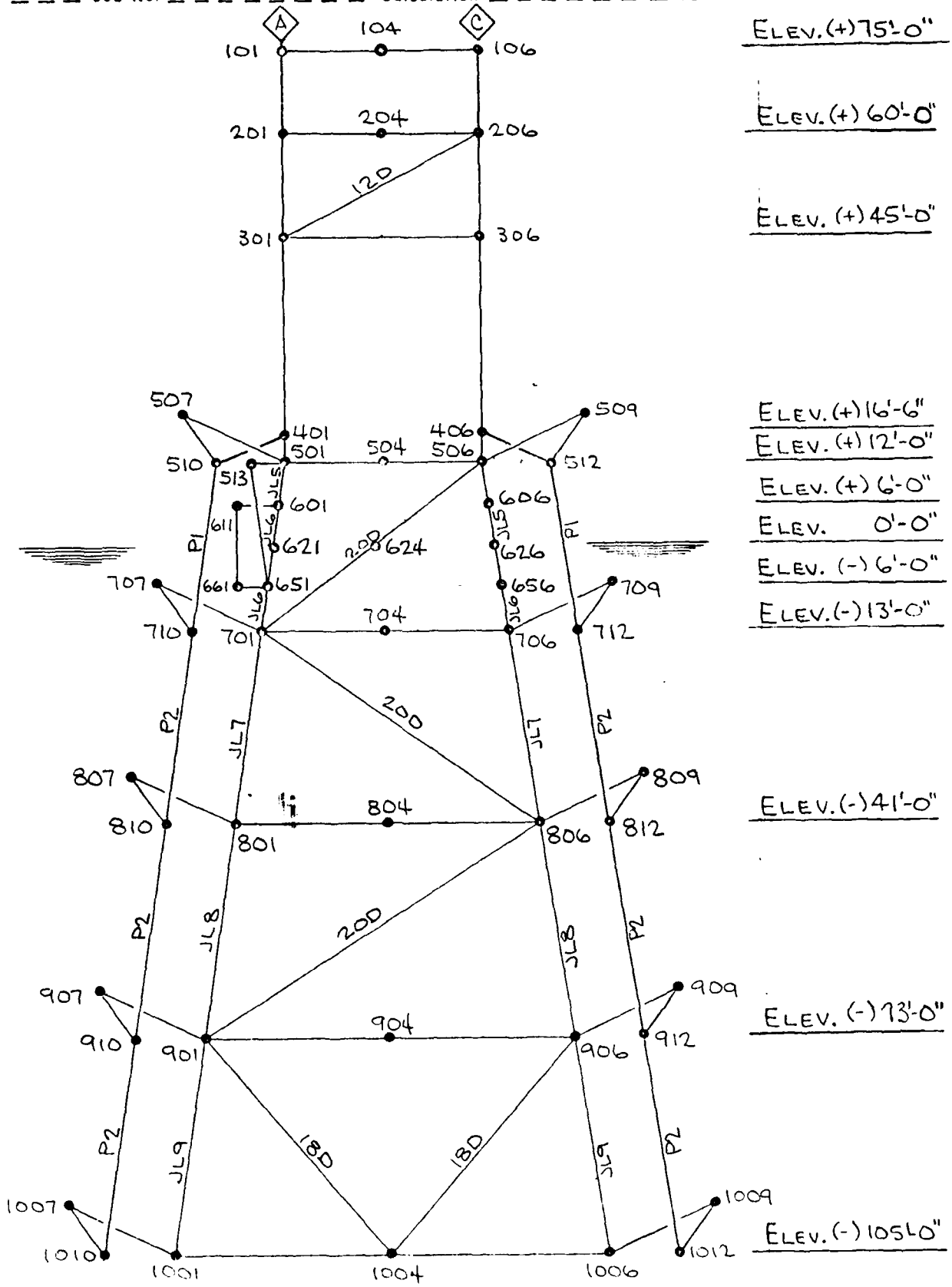
ELEV. (-) 73'-0"

ELEV. (-) 105'-0"

CREST OFFSHORE, INC.

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE

Date 6-29-76 Job No. 27-171-96 Calculation MATH MODEL



ELEV. (+) 75'-0"

ELEV. (+) 60'-0"

ELEV. (+) 45'-0"

ELEV. (+) 16'-6"

ELEV. (+) 12'-0"

ELEV. (+) 6'-0"

ELEV. 0'-0"

ELEV. (-) 6'-0"

ELEV. (-) 13'-0"

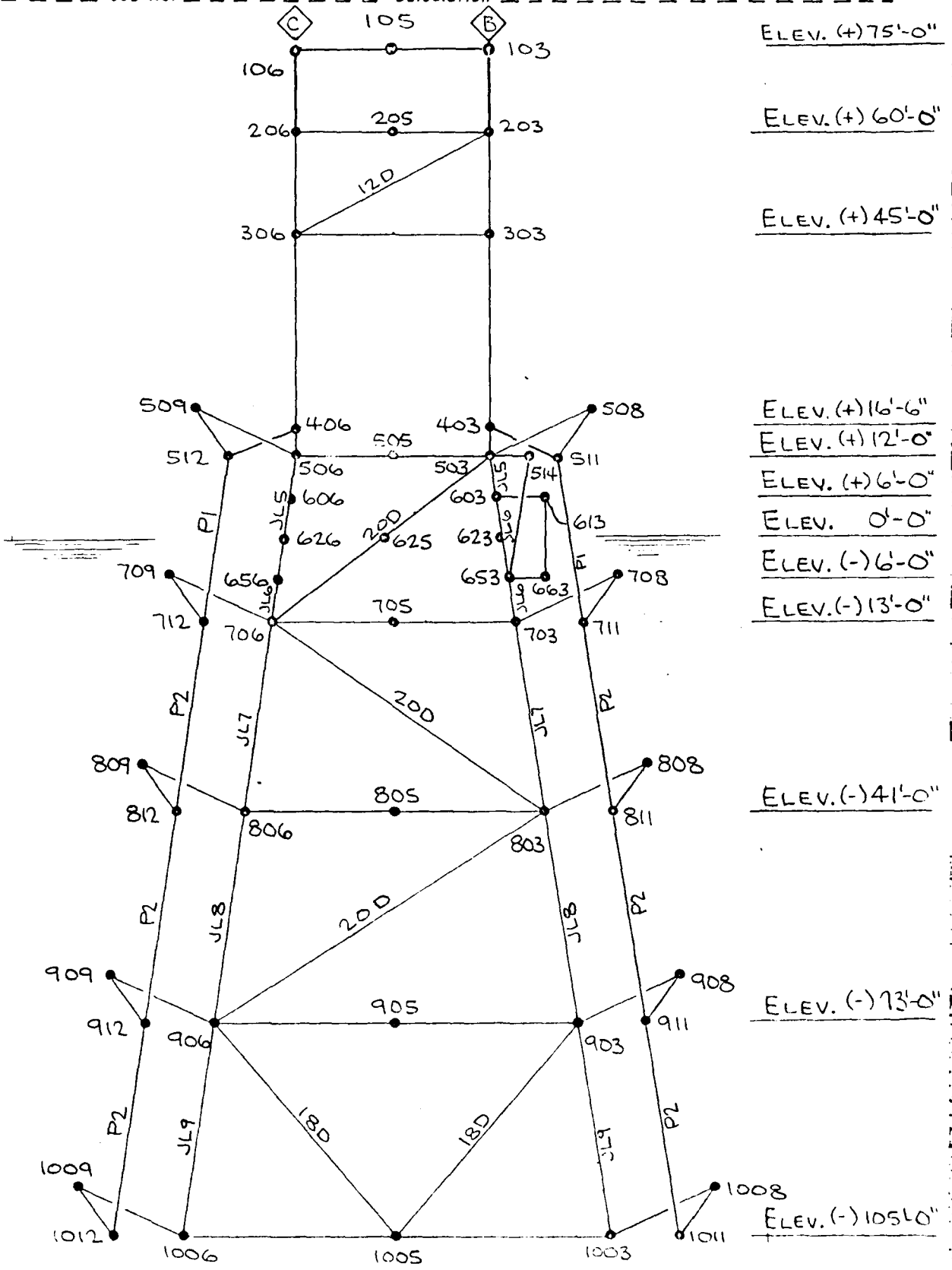
ELEV. (-) 41'-0"

ELEV. (-) 73'-0"

ELEV. (-) 105'-0"

CREST OFFSHORE, INC.

By L. Kirk Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 6-29-76 Job No. 27-771-96 Calculation MATH MODEL



STRAN INPUT DATA

U.S. NAVY - ACAN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
       1 OPTIONS 1011121314151617
       2 ANOD
       3 ANOD      10 1.333  11 1.333  12 1.333  13 1.333  14 1.333  15 1.333  16 1.333
       4 ANOD      17 1.333
       5 SECT
       6 SECT MISHAIN    PRI  5000 3000000 3000000 3000000   1000        500
       7 SECT M10A50     WFC  1620      125    80200    4020    750  570 1600  358   50
       8 SECT M8A24      WFC   700       34     8250    1820    650  398  795  245   50
       9 SECT M8X15      WFC   450       11     3010     967    600  269  600  235   50
      10 GROUP
      11 GROUP M6             462  500  29  116  36        100 100       5000
      12 GROUP M5            1075  365  29  116  36        100 100       5000
      13 GROUP M6            1075  844  29  116  36        100 100       5000
      14 GROUP M7            1075  365  29  116  36        100 100       5000
      15 GROUP M8            1075  365  29  116  36        100 100       5000
      16 GROUP M9            1075  365  29  116  36        100 100       5000
      17 GROUP M20           1275  500  29  116  36         80  80       5000
      18 GROUP M25           1275  500  29  116  36         80  80       5000
      19 GROUP M23           1275  500  29  116  36         80  80       5000
      20 GROUP M37           1275  500  29  116  36        160  80       5000
      21 GROUP M40           1400  375  29  116  36         80  80       5000
      22 GROUP M48           1400  500  29  116  36        160  80       5000
      23 GROUP M40           1400  375  29  116  36         80  80       5000
      24 GROUP M45           1400  625  29  116  36        160  80       5000
      25 GROUP M49           1600  500  29  116  36        160  80       5000
      26 GROUP M50           1600  500  29  116  36         80  80       5000
      27 GROUP M00           2000  625  29  116  36         80  80       5000
      28 GROUP M00           2000  625  29  116  36        160  80       5000
      29 GROUP UNL           3000 1000  29  116  36        100 100       5000
      30 GROUP  P1           4200 1750  29  116  36        100 100       5000
      31 GROUP  P2           4200 2000  29  116  36        100 100       5000
      32 GROUP  P3           4200 2375  29  116  36        100 100       5000
      33 GROUP JL4           4800 1750  29  116  36        100 100       5000
      34 GROUP JL5           4850 1000  29  116  36        100 100       5000
      35 GROUP JL6           4850 1000  29  116  36        100 100       5000
      36 GROUP JL7           4550  500  29  116  36        100 100       5000
      37 GROUP JL8           4550  500  29  116  36        100 100       5000
      38 GROUP JL9           4550  500  29  116  36        100 100       5000
      39 GROUP BJM           1800  500  29  116  36        100 100       5000
      40 GROUP M00 MISHAIN                29  116  36
      41 GROUP M10 M10A50                 29  116  36        200  50  01
      42 GROUP M08 M8A24                  29  116  36        100 100  01
      43 GROUP M00 M8X15                  29  116  36        100 100  01
      44 RENUM
      45 RENUM  101 102 -18                                                1800
      46 RENUM  102 103 -18                                                1800
      47 RENUM  103 105 -18                                                1800
      48 RENUM  105 106 -18                                                1800
      49 RENUM  101 104 -18                                                1800
```

3.16

STRAN INPUT DATA

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.					
50	MEMBER	104 106 .1K			1800
51	MEMBER	102 106 .0K			800
52	MEMBER	102 105 .0K			800
53	MEMBER	104 105 .0K			800
54	MEMBER	201 202 .1K			1800
55	MEMBER	202 203 .1K			1800
56	MEMBER	203 205 .1K			1800
57	MEMBER	205 206 .1K			1800
58	MEMBER	201 204 .1K			1800
59	MEMBER	204 206 .1K			1800
60	MEMBER	202 204 .0K			800
61	MEMBER	202 205 .0K			800
62	MEMBER	204 205 .0K			800
63	MEMBER	201 303 129			2400
64	MEMBER	203 304 129			2400
65	MEMBER	206 301 129			3600
66	MEMBER	301 403 129SK			2400
67	MEMBER	104 201 129SK			2400
68	MEMBER	301 303 123			2000
69	MEMBER	303 305 123			2000
70	MEMBER	301 305 123			2000
71	MEMBER	301 302 105			1600
72	MEMBER	302 303 105			1600
73	MEMBER	303 305 105			1600
74	MEMBER	305 306 105			1600
75	MEMBER	301 304 105			1600
76	MEMBER	304 306 105			1600
77	MEMBER	302 304 105			1075
78	MEMBER	302 305 105			1075
79	MEMBER	304 305 105			1075
80	MEMBER	301 307 .0SK			0000
81	MEMBER	307 310 .0SK	1111		0000
82	MEMBER	303 308 .0SK			0000
83	MEMBER	308 311 .0SK	1111		0000
84	MEMBER	305 309 .0SK			0000
85	MEMBER	309 312 .0SK	1111		0000
86	MEMBER	301 313 125SK			1200
87	MEMBER	303 314 125SK			1200
88	MEMBER	313 651 .0SK			4000
89	MEMBER	314 653 .0SK			4000
90	MEMBER	601 611 106SK			1400
91	MEMBER	603 613 106SK			1400
92	MEMBER	651 601 106SK			1400
93	MEMBER	653 603 106SK			1400
94	MEMBER	611 612 .0SK			1200
95	MEMBER	612 613 .0SK			1200
96	MEMBER	601 602 .0SK			2680
97	MEMBER	602 603 .0SK			2680
98	MEMBER	611 601 106SK			3000

3.17

STRAN INPUT DATA

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
      99  MEMBER  612 662 106SK                                                2000
     100  MEMBER  613 663 106SK                                                3000
     101  MEMBER  501 622 200                                                  2000
     102  MEMBER  622 703 200                                                  3032
     103  MEMBER  503 625 200                                                  2000
     104  MEMBER  625 706 200                                                  3032
     105  MEMBER  506 624 200                                                  2000
     106  MEMBER  624 701 200                                                  3032
     107  MEMBER  701 702 137                                                  2033
     108  MEMBER  702 703 137                                                  2033
     109  MEMBER  703 705 137                                                  2033
     110  MEMBER  705 706 137                                                  2033
     111  MEMBER  701 704 137                                                  2033
     112  MEMBER  704 706 137                                                  2033
     113  MEMBER  702 704 107                                                  1757
     114  MEMBER  702 705 107                                                  1757
     115  MEMBER  704 705 107                                                  1757
     116  MEMBER  701 707 106SK                                                0000
     117  MEMBER  707 710 106SK      1111                                      0000
     118  MEMBER  703 709 106SK                                                0000
     119  MEMBER  708 711 106SK      1111                                      0000
     120  MEMBER  706 709 106SK                                                0000
     121  MEMBER  709 712 106SK      1111                                      0000
     122  MEMBER  701 806 200                                                  3032
     123  MEMBER  703 801 200                                                  3032
     124  MEMBER  706 803 200                                                  3032,
     125  MEMBER  801 802 148                                                  2205
     126  MEMBER  802 803 148                                                  2205
     127  MEMBER  803 805 148                                                  2205
     128  MEMBER  805 806 148                                                  2205
     129  MEMBER  801 804 148                                                  2205
     130  MEMBER  804 806 148                                                  2205
     131  MEMBER  802 804 106                                                  1757
     132  MEMBER  802 805 106                                                  1757
     133  MEMBER  804 805 106                                                  1757
     134  MEMBER  801 807 106SK                                                0000
     135  MEMBER  807 810 106SK      1111                                      0000
     136  MEMBER  803 808 106SK                                                0000
     137  MEMBER  808 811 106SK      1111                                      0000
     138  MEMBER  806 809 106SK                                                0000
     139  MEMBER  809 812 106SK      1111                                      0000
     140  MEMBER  801 903 200                                                  3032
     141  MEMBER  803 906 200                                                  3032
     142  MEMBER  806 901 200                                                  3032
     143  MEMBER  901 902 169                                                  2481
     144  MEMBER  902 903 169                                                  2481
     145  MEMBER  903 905 169                                                  2481
     146  MEMBER  905 906 169                                                  2481
     147  MEMBER  901 904 169                                                  2481
```

3.18

STRAN INPUT DATA

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	2	3	4	5	6	7	8
148	MEMBER 904 906 109						2481	
149	MEMBER 902 904 109						1757	
150	MEMBER 902 905 109						1757	
151	MEMBER 904 905 109						1757	
152	MEMBER 901 907 XBMSK						0000	
153	MEMBER 907 910 XBMSK	1111					0000	
154	MEMBER 903 908 XBMSK						0000	
155	MEMBER 908 911 XBMSK	1111					0000	
156	MEMBER 906 909 XBMSK						0000	
157	MEMBER 909 912 XBMSK	1111					0000	
158	MEMBER 9011002 180						2757	
159	MEMBER 9031002 180						2757	
160	MEMBER 9031005 180						2757	
161	MEMBER 9061005 180						2757	
162	MEMBER 9011004 180						2757	
163	MEMBER 9061004 180						2757	
164	MEMBER 1001100? 200						3032	
165	MEMBER 1002100? 200						3032	
166	MEMBER 1003100? 200						3032	
167	MEMBER 1005100? 200						3032	
168	MEMBER 1001100? 200						3032	
169	MEMBER 1004100? 200						3032	
170	MEMBER 1002100? 140						2205	
171	MEMBER 1002100? 140						2205	
172	MEMBER 1004100? 140						2205	
173	MEMBER 1001100? XBMSK						0000	
174	MEMBER 1007101? XBMSK	1111					0000	
175	MEMBER 1005100? XBMSK						0000	
176	MEMBER 1008101? XBMSK	1111					0000	
177	MEMBER 1006100? XBMSK						0000	
178	MEMBER 1009101? XBMSK	1111					0000	
179	MEMBER 101 201 DKL						3000	
180	MEMBER 103 203 DKL						3000	
181	MEMBER 105 205 DKL						3000	
182	MEMBER 201 301 DKL						3000	
183	MEMBER 203 303 DKL						3000	
184	MEMBER 205 305 DKL						3000	
185	MEMBER 301 401 DKL						3000	
186	MEMBER 303 403 DKL						3000	
187	MEMBER 305 405 DKL						3000	
188	MEMBER 401 501 JL4					F	4800	
189	MEMBER 403 503 JL4					F	4800	
190	MEMBER 405 505 JL4					F	4800	
191	MEMBER 501 601 JL5					F	4750	
192	MEMBER 503 603 JL5					F	4750	
193	MEMBER 505 605 JL5					F	4750	
194	MEMBER 601 621 JL6					F	4750	
195	MEMBER 603 623 JL6					F	4750	
196	MEMBER 605 625 JL6					F	4750	

STRAN INPUT DATA

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
  197  MEMBER  621 651 JL6                                                          F  6823
  198  MEMBER  623 653 JL6                                                          F  6823
  199  MEMBER  626 656 JL6                                                          F  6823
  200  MEMBER  651 701 JL6                                                          F  6823
  201  MEMBER  653 703 JL6                                                          F  6823
  202  MEMBER  656 706 JL6                                                          F  6823
  203  MEMBER  701 801 JL7                                                          F  6547
  204  MEMBER  703 803 JL7                                                          F  6547
  205  MEMBER  706 806 JL7                                                          F  6547
  206  MEMBER  801 901 JL8                                                          F  6547
  207  MEMBER  803 903 JL8                                                          F  6547
  208  MEMBER  806 906 JL8                                                          F  6547
  209  MEMBER  9011001 JL9                                                          F  6547
  210  MEMBER  9031003 JL9                                                          F  6547
  211  MEMBER  9061006 JL9                                                          F  6547
  212  MEMBER  401 510  P1                                                          F  0000 1
  213  MEMBER  403 511  P1                                                          F  0000 2
  214  MEMBER  406 512  P1                                                          F  0000 3
  215  MEMBER  510 710  P1                                                          F  0000 1
  216  MEMBER  511 711  P1                                                          F  0000 2
  217  MEMBER  512 712  P1                                                          F  0000 3
  218  MEMBER  710 810  P2                                                          F  0000 1
  219  MEMBER  711 811  P2                                                          F  0000 2
  220  MEMBER  712 812  P2                                                          F  0000 3
  221  MEMBER  810 910  P2                                                          F  0000 1
  222  MEMBER  811 911  P2                                                          F  0000 2
  223  MEMBER  812 912  P2                                                          F  0000 3
  224  MEMBER 1010 910  P3                                                          F  0000 1
  225  MEMBER 1011 911  P3                                                          F  0000 2
  226  MEMBER 1012 912  P3                                                          F  0000 3
  227  FOUND
  228  CYRO      5  .05        .05        .005
  229  PILE   1010  200.0
  230  PROP         42.0       42.0       2.37      20.0
  231  PROP         42.0       42.0       1.75      70.0
  232  PROP         42.0       42.0       1.50     200.0
  233  PY        2   0.0
  234  FORCE         0.0        0.0
  235  DEPL          0.0       20.0
  236  PY        6   0.0
  237  FORCE         0.0        0.107      0.129     0.153     0.169     0.188
  238  FORCE         0.237      0.237
  239  DEPL          0.0        0.050      0.120     0.270     0.430     0.700
  240  DEPL          1.580     20.000
  241  PY        6  14.0
  242  FORCE         0.0        0.366      0.611     0.906     1.136     1.400
  243  FORCE         2.274      2.274
  244  DEPL          0.0        0.030      0.110     0.260     0.420     0.700
  245  DEPL          1.580     20.000
```

3.20

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
  246 PY        6  24.0
  247 PUNCH          0.0       1.244     1.681     2.347     2.895     3.644
  248 PUNCH          5.831     5.831
  249 DEPL           0.0       0.070     0.140     0.280     0.430     0.700
  250 DEPL           1.580    20.000
  251 PY        6  34.0
  252 PUNCH          0.0       3.021     3.693     4.742     5.659     6.950
  253 PUNCH         11.120    11.120
  254 DEPL           0.0       0.120     0.190     0.320     0.460     0.700
  255 DEPL           1.580    20.000
  256 PY        6  48.0
  257 PUNCH          0.0       7.634     8.468     9.913    11.273    13.280
  258 PUNCH         21.248    21.248
  259 DEPL           0.0       0.220     0.270     0.380     0.500     0.700
  260 DEPL           1.580    20.000
  261 PY        6  68.0
  262 PUNCH          0.0      10.718    11.997    14.043    15.970    18.814
  263 PUNCH         30.102    30.102
  264 DEPL           0.0       0.220     0.270     0.380     0.500     0.700
  265 DEPL           1.580    20.000
  266 PY        6 102.0
  267 PUNCH          0.0      16.223    17.995    21.064    23.954    28.221
  268 PUNCH         45.153    45.153
  269 DEPL           0.0       0.220     0.270     0.380     0.500     0.700
  270 DEPL           1.580    20.000
  271 PY        7 102.1
  272 PUNCH          0.0       0.967     1.313     1.718     2.418     3.281
  273 PUNCH          3.281     0.
  274 DEPL           0.0       0.075     0.190     0.47      1.180     2.940
  275 DEPL          20.000
  276 PY        7 136.0
  277 PUNCH          0.0       0.967     1.313     1.718     2.418     3.281
  278 PUNCH          3.281
  279 DEPL           0.0       0.075     0.190     0.47      1.180     2.940
  280 DEPL          20.000
  281 PILE  1011   200.0
  282 PILE  1012   200.0
  283 JOINT
  284 JOINT  101    14.50    -8.37  180.00                              TOP DECK
  285 JOINT  102     0.0     -8.37  180.00                              TOP DECK
  286 JOINT  103   -14.50    -8.37  180.00                              TOP DECK
  287 JOINT  104     7.25     4.18  180.00                              TOP DECK
  288 JOINT  105    -7.25     4.18  180.00                              TOP DECK
  289 JOINT  106     0.0     16.74  180.00                              TOP DECK
  290 JOINT  201    14.50    -8.37  165.00                              END DECK
  291 JOINT  202     0.0     -8.37  165.00                              END DECK
  292 JOINT  203   -14.50    -8.37  165.00                              END DECK
  293 JOINT  204     7.25     4.18  165.00                              END DECK
  294 JOINT  205    -7.25     4.18  165.00                              END DECK
```

3.21

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.						
295	JOINT	206	0.0	16.74	165.00	EQM DECK
296	JOINT	301	14.50	-8.37	150.00	DK BRACE
297	JOINT	303	-14.50	-8.37	150.00	DK BRACE
298	JOINT	306	0.0	16.74	150.00	DK BRACE
299	JOINT	401	14.50	-8.37	121.50	MP LEVEL
300	JOINT	403	-14.50	-8.37	121.50	MP LEVEL
301	JOINT	406	0.0	16.74	121.50	MP LEVEL
302	JOINT	501	15.15	-8.75	117.00	S LEVEL
303	JOINT	502	0.0	-8.75	117.00	S LEVEL
304	JOINT	503	-15.15	-8.75	117.00	S LEVEL
305	JOINT	504	7.58	4.37	117.00	S LEVEL
306	JOINT	505	-7.58	4.37	117.00	S LEVEL
307	JOINT	506	0.0	17.49	117.00	S LEVEL
308	JOINT	507	17.32	-10.00	117.41	S LEVEL
309	JOINT	508	-17.32	-10.00	117.41	S LEVEL
310	JOINT	509	0.0	19.99	117.41	S LEVEL
311	JOINT	510	15.15	-8.75	116.99	S LEVEL
312	JOINT	511	-15.15	-8.75	116.99	S LEVEL
313	JOINT	512	0.0	17.49	116.99	S LEVEL
314	JOINT	513	17.74	-10.25	11700	S LEVEL
315	JOINT	514	-17.74	-10.25	11700	S LEVEL
316	JOINT	515	0.0	20.49	11700	S LEVEL
317	JOINT	601	16.01	-9.25	111.00	BOAT LOG
318	JOINT	603	-16.01	-9.25	111.00	BOAT LOG
319	JOINT	606	0.0	18.50	111.00	BOAT LOG
320	JOINT	611	16.01	-15.25	11100	BOAT LOG
321	JOINT	612	0.0	-15.25	11100	BOAT LOG
322	JOINT	613	-16.01	-15.25	11100	BOAT LOG
323	JOINT	621	16.88	-9.75	105.00	MLW
324	JOINT	622	-1.33	-9.75	105.00	MLW
325	JOINT	623	-16.88	-9.75	105.00	MLW
326	JOINT	624	9.00	3.90	105.00	MLW
327	JOINT	625	-7.87	5.85	105.00	MLW
328	JOINT	626	0.00	19.49	105.00	MLW
329	JOINT	651	17.74	-10.25	99.00	BOAT LOG
330	JOINT	653	-17.74	-10.25	99.00	BOAT LOG
331	JOINT	656	0.0	20.49	99.00	BOAT LOG
332	JOINT	661	17.74	-15.25	9900	BOAT LOG
333	JOINT	662	0.0	-15.25	9900	BOAT LOG
334	JOINT	663	-17.74	-15.25	9900	BOAT LOG
335	JOINT	701	18.76	-10.83	92.00	7 LEVEL
336	JOINT	702	0.0	-10.83	92.00	7 LEVEL
337	JOINT	703	-18.76	-10.83	92.00	7 LEVEL
338	JOINT	704	9.38	5.41	92.00	7 LEVEL
339	JOINT	705	-9.38	5.41	92.00	7 LEVEL
340	JOINT	706	0.0	21.64	92.00	7 LEVEL
341	JOINT	707	20.93	-12.08	92.41	7 LEVEL
342	JOINT	708	-20.93	-12.08	92.41	7 LEVEL
343	JOINT	709	0.0	24.16	92.41	7 LEVEL

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     344 JOINT  710   18.76 -10.83  91.99                                  7 LEVEL
     345 JOINT  711  -18.76 -10.83  91.99                                  7 LEVEL
     346 JOINT  712    0.0   21.66  91.99                                  7 LEVEL
     347 JOINT  801   22.79 -13.16  64.00                                  8 LEVEL
     348 JOINT  802    0.0  -13.16  64.00                                  8 LEVEL
     349 JOINT  803  -22.79 -13.16  64.00                                  8 LEVEL
     350 JOINT  804   11.00   6.34  64.00                                  8 LEVEL
     351 JOINT  805  -11.40   6.58  64.00                                  8 LEVEL
     352 JOINT  806    0.0   26.32  64.00                                  8 LEVEL
     353 JOINT  807   24.96 -14.41  64.41                                  8 LEVEL
     354 JOINT  808  -24.96 -14.41  64.41                                  8 LEVEL
     355 JOINT  809    0.0   28.82  64.41                                  8 LEVEL
     356 JOINT  810   22.79 -13.16  63.99                                  8 LEVEL
     357 JOINT  811  -22.79 -13.16  63.99                                  8 LEVEL
     358 JOINT  812    0.0   26.32  63.99                                  8 LEVEL
     359 JOINT  901   27.42 -15.83  32.00                                  9 LEVEL
     360 JOINT  902    0.0  -15.83  32.00                                  9 LEVEL
     361 JOINT  903  -27.42 -15.83  32.00                                  9 LEVEL
     362 JOINT  904   13.71   7.91  32.00                                  9 LEVEL
     363 JOINT  905  -13.71   7.91  32.00                                  9 LEVEL
     364 JOINT  906    0.0   31.66  32.00                                  9 LEVEL
     365 JOINT  907   29.59 -17.08  32.41                                  9 LEVEL
     366 JOINT  908  -29.59 -17.08  32.41                                  9 LEVEL
     367 JOINT  909    0.0   34.16  32.41                                  9 LEVEL
     368 JOINT  910   27.42 -15.83  31.99                                  9 LEVEL
     369 JOINT  911  -27.42 -15.83  31.99                                  9 LEVEL
     370 JOINT  912    0.0   31.66  31.99                                  9 LEVEL
     371 JOINT 1001   32.04 -18.50   0.0                                   MUDLINE
     372 JOINT 1002    0.0  -18.50   0.0                                   MUDLINE
     373 JOINT 1003  -32.04 -18.50   0.0                                   MUDLINE
     374 JOINT 1004   16.02   9.25   0.0                                   MUDLINE
     375 JOINT 1005  -16.02   9.25   0.0                                   MUDLINE
     376 JOINT 1006    0.0   37.00   0.0                                   MUDLINE
     377 JOINT 1007   34.21 -19.75   0.41                                  MUDLINE
     378 JOINT 1008  -34.21 -19.75   0.41                                  MUDLINE
     379 JOINT 1009    0.0   39.50   0.41                                  MUDLINE
     380 JOINT 1010   32.04 -18.50  -0.01                          111111  MUDLINE
     381 JOINT 1010                                                NONLIN  MUDLINE
     382 JOINT 1010                          1010    910 OBLIQU            MUDLINE
     383 JOINT 1011  -32.04 -18.50  -0.01                          111111  MUDLINE
     384 JOINT 1011                                                NONLIN  MUDLINE
     385 JOINT 1011                          1011    911 OBLIQU            MUDLINE
     386 JOINT 1012    0.0   37.00  -0.01                          111111  MUDLINE
     387 JOINT 1012                                                NONLIN  MUDLINE
     388 JOINT 1012                          1012    912 OBLIQU            MUDLINE
     389 LOAD
     390 LOADCN   1
     391 LOAD X  510 710    7.59    135                          GLOB CONC     NN 0 1
     392 LOAD Y  510 710                          7.59 106399 GLOB POINT      NN 0 1
```

3.23

....LOAD CONDITION	15	1.333
....LOAD CONDITION	16	1.333
....LOAD CONDITION	17	1.333

STRAN - GROUP PROPERTIES REPORT

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLN 105.0 FEET - 50 YR STORM
TUBULAR MEMBER PROPERTIES

GRP	M/S	JOINT THICK FT.	WT IN.	OD IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	SHEAR AREA IN2	INPUT SEC LEN FT.
*** E = 29000000.0 PSI, G = 11600000.0 PSI ***													
106	1	=0.00	.500	8.62	12.75	211.04	105.52	105.52	36.0	1.0	1.0	6.38	=0.00
105	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
106	1	=0.00	.844	10.75	26.27	649.04	324.52	324.52	36.0	1.0	1.0	13.13	=0.00
107	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
108	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
109	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
120	1	=0.00	.500	12.75	19.24	725.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
125	1	=0.00	.500	12.75	19.24	725.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
123	1	=0.00	.500	12.75	19.24	725.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
137	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	1.0	.8	9.62	=0.00
140	1	=0.00	.375	14.00	16.05	745.52	372.76	372.76	36.0	.8	.8	8.03	=0.00
148	1	=0.00	.500	14.00	21.21	967.51	483.76	483.76	36.0	1.0	.8	10.60	=0.00
140	1	=0.00	.375	14.00	16.05	745.52	372.76	372.76	36.0	.8	.8	8.03	=0.00
169	1	=0.00	.625	16.00	30.19	1787.03	893.52	893.52	36.0	1.0	.8	15.09	=0.00
159	1	=0.00	.530	16.00	24.55	1463.88	731.94	731.94	36.0	1.0	.8	12.17	=0.00
180	1	=0.00	.500	16.00	27.49	2106.34	1053.17	1053.17	36.0	.8	.8	13.74	=0.00
200	1	=0.00	.625	20.00	38.04	3573.94	1786.97	1786.97	36.0	.8	.8	19.02	=0.00
200	1	=0.00	.625	20.00	38.04	3573.94	1786.97	1786.97	36.0	1.0	.8	19.02	=0.00
SKL	1	=0.00	1.000	30.00	91.11	19177.85	9588.93	9588.93	36.0	1.0	1.0	45.55	=0.00
P1	1	=0.00	1.750	42.00	221.29	89793.68	44896.84	44896.84	36.0	1.0	1.0	110.64	=0.00
P2	1	=0.00	2.000	42.00	251.33	100782.29	50391.15	50391.15	36.0	1.0	1.0	125.66	=0.00
P3	1	=0.00	2.375	42.00	295.65	116471.24	58235.62	58235.62	36.0	1.0	1.0	147.83	=0.00
JL4	1	=0.00	1.750	48.00	254.27	136170.95	68085.48	68085.48	36.0	1.0	1.0	127.14	=0.00
JL5	1	=0.00	1.000	46.50	142.94	74017.39	37008.70	37008.70	36.0	1.0	1.0	71.47	=0.00
JL6	1	=0.00	1.000	46.50	142.94	74017.39	37008.70	37008.70	36.0	1.0	1.0	71.47	=0.00
JL7	1	=0.00	.500	45.50	70.69	35769.12	17894.56	17894.56	36.0	1.0	1.0	35.34	=0.00
JL8	1	=0.00	.500	45.50	70.69	35769.12	17894.56	17894.56	36.0	1.0	1.0	35.34	=0.00
JL9	1	=0.00	.500	45.50	70.69	35769.12	17894.56	17894.56	36.0	1.0	1.0	35.34	=0.00
BOM	1	=0.00	.500	18.00	27.49	2106.34	1053.17	1053.17	36.0	1.0	1.0	13.74	=0.00

STRAN - GROUP PROPERTIES REPORT

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - NEW 105.0 FEET - 50 YR STORM
WIDE FLANGE/WIDE FLANGE COMPACT MEMBER PROPERTIES

GRP	M/S	JOINT THICK FT.	FLANGE THICK IN.	FLANGE WIDTH IN.	WEB THICK IN.	FILET RADIUS IN.	DEPTH IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	LB FT.	INPUT SEC LEN FT.
*** E = 29000000.0 PSI, G = 11600000.0 PSI ***																
W18	1	=0.00	.570	7.50	.358	.500	18.00	16.20	1.25	802.00	40.20	36.0	2.0	.5	.01	=0.00
W16	1	=0.00	.378	8.50	.245	.500	7.93	7.06	.34	82.50	18.20	36.0	1.0	1.0	.01	=0.00
W06	1	=0.00	.269	6.00	.235	.500	6.00	4.56	.11	30.10	9.67	36.0	1.0	1.0	.01	=0.00

STRAN - GROUP PROPERTIES REPORT

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM
PRISMATIC SECTION MEMBERS

GRP	M/S	JOINT THICK FT.	Z-DPTH IN.	Y-DPTH IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	INPUT SEC LEN FT.
		*** E = 29000000.0 PSI, G = 11600000.0 PSI ***										
XBN	1	=0.00	10.00	5.00	50.00	30000.00	30000.00	30000.00	36.0	1.0	1.0	=0.00

SECTION 4.0

BASIC LOADS

4.1 INTRODUCTION

This section presents the loads which are applied to the structure.

Section 4.2 contains the estimated weight of the structural material not considered by SEALOAD because of the structural idealization of the model.

Section 4.3 contains the calculations for live loads applied to the Upper Deck and to the Equipment Deck.

Section 4.4 illustrates the data required for the wind loads feature of SEALOAD. The wind loading applied to the individual structural members of the model is found in Appendix B.2.

Section 4.5 contains a summary of the shear force and overturning moment at the mudline for each wave direction. The wave loading applied to the individual structural members of the model is found in Appendix B.2

By J. Talbot Client U.S. Navy Subject Design of 105' MLH Structure
Date 7-7-76 Job No. 22-721-26 Calculation Basic Loads

4.1 Dead Loads

The weight of the structure is computed by the SEALOAD-2 Program for the structure represented by the mathematical model. For that part of the platform that is not described by the model the following loads were added to the Dead Load, Condition #9.

Top Deck

15.0^k Total - Estimated
Distribution: 5.0^k to each Column (A, B, C)

Equipment Deck

18.0^k Total - Estimated
Distribution: 5.0^k to Column A
6.5^k to Column B & C

Boat Landing

22.0^k Total - Ref. Miscellaneous Structures
Distribution: 11.0^k to Center of Member 601-611
11.0^k to Center of Member 603-613

Boat Bumpers

2.4^k Total - Estimated
Distribution: 1.2^k to bumper at Joint 513
1.2^k to bumper at Joint 514

4.2 Live Loads

Top Deck

Live Load = 100 psf

Total Load = 0.10 ksf x 364 ft² = 36.4 K

Load / Deck Beam = $\frac{36.4^{K}}{3} \times \frac{1}{29.0\,ft}$ = 0.42 K/ft

Applied to Members: 101 - 102
102 - 103
103 - 105
105 - 106
101 - 104
104 - 106

Equipment Deck

Live Load = 150 psf

Main Deck Load = 0.15 ksf x 364 ft² = 54.6 K

Solar Panel Cantilever Load = 0.15 ksf x 192 ft² = 28.8 K

For Members: 201 - 202; 202 - 203; 201 - 204; 204 - 206

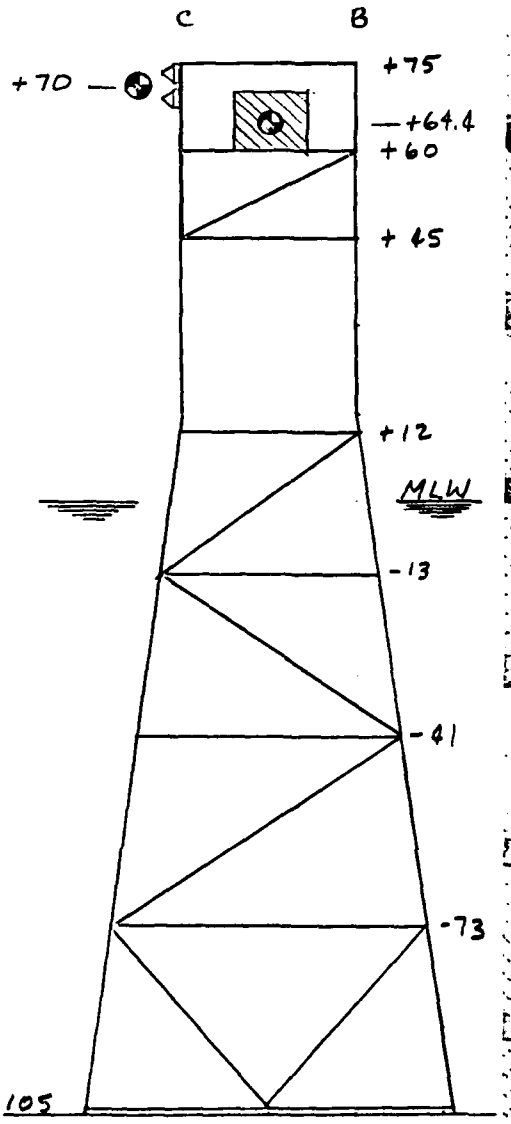
Load / Deck Beam = $\frac{54.6^{K}}{3} \times \frac{1}{29.0\,ft}$ = 0.63 K/ft

For Members: 203 - 205; 205 - 206

Load / Deck Beam = $\left(\frac{54.6^{K}}{3} \times \frac{1}{29.0\,ft}\right) + \frac{28.8^{K}}{29.0\,ft}$ = 1.60 K/ft

4.3 Wind Loads

The wind loads on that part of the idealized platform not in the wave are computed by the SEALOAD-2 Program. Appurtenances or structure not contained in the mathematical model are added as separate areas. The following two areas were added for the analysis of this platform.



Segment #1 - Antenna Dishes

$Area/_{Antenna} = (4')^2\pi = 50.3\ ft^2$

Total Area = $2 \times 50.3 = 100.6\ ft^2$

Vert. Centroid above Mudline: 175.0 ft

Segment #2 - Solar Panel

Area = $11.5\ ft \times 8.9\ ft = 102.0\ ft^2$

Vert. Centroid above Mudline: 169.4 ft

Wind Velocity = 145 mph

Total Wind Load = 38.4^K

4.4 Wave Loads

The wave loads on the members of the idealized platform are calculated by the SEALOAD-2 Program using Dean's Stream Function wave grid profile.

A summary of the shear force and overturning moment at the mudline for each wave direction selected is included in this section. Note that these forces and moments also include the wind loads.

CREST OFFSHORE, INC.

Sheet ___ of ____

By J. Talbot Client U.S. Navy Subject Design of 105' MLWL Structure
Date 9-3-76 Job No. 27-771-96 Calculation Wave Loads

The roughness effect of the marine fouling for that part of the structure from the Mean Low Water to the Mudline is considered by increasing the effective diameter used in SEALOAD to increase the drag. However, this results in a larger inertial force being applied to the structure. Therefore, the mass coefficient is reduced correspondingly. The following equations are used to determine Deff and Cm used in SEALOAD

$$D_{act} = D + 2''$$

$$D_{eff} = D_{act} \times 1.02/.74$$

$$C_{meff} = \frac{D_{act}^2}{36 \times D_{eff}}$$

These equations produce the following table.

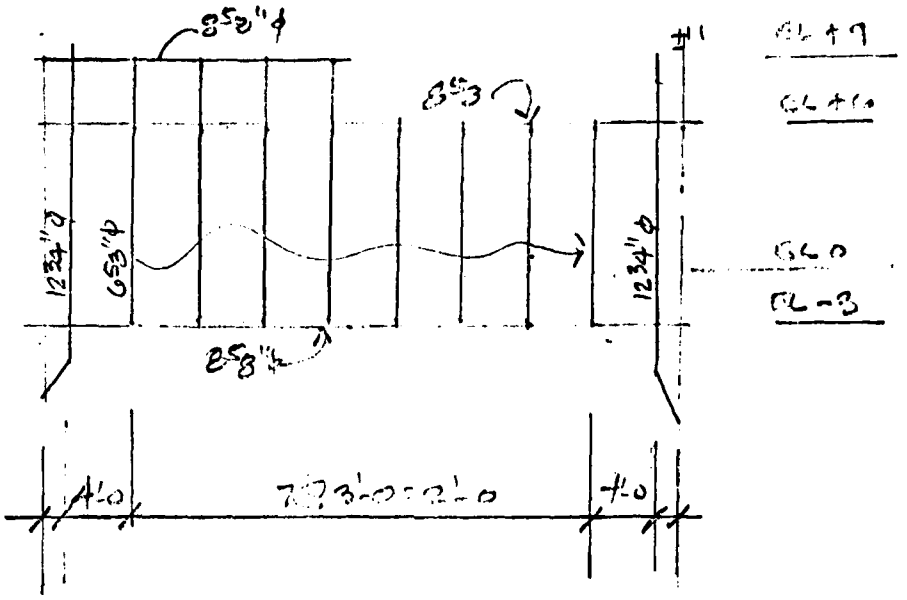
D	Dact	Deff	Cm
10 3/4"	12.75	17.57	0.257
12 3/4"	14.75	20.33	0.297
14"	16.00	22.05	0.322
16"	18.00	24.81	0.363
18"	20.00	27.57	0.403
20"	22.00	30.32	0.443
45 1/2"	47.50	65.47	0.957
47 1/2"	49.50	68.23	0.997

CREST OFFSHORE, INC.

Sheet ___ of ___

By ___ Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 5/2/96 Job No. 21-771-96 Calculation WAVE LOADS

BOAT LANDING WAVE AREA



SURFACE AREA FRONT FACE

HORIZONTALS

	1-8 5/8"ϕ = 0.72 ϕ x 16' =	11.52 ϕ	
	2-" = 0.72 x 29' x 2 =	41.76 ϕ	✓ 53.28
VERT.	2-12 3/4 = 1.0[illegible] x 2 x 15' =	38.34	
	4-6 5/8" = 0.552 x 4 x 13' =	28.70	
	4-" = 0.552 x 4 x 10' =	22.08	✓ 89.12
		[illegible] S.F.	

BACK FACE

HOR.	1-6 5/8"ϕ = 0.552 x 16' x 1 =	8.83 S.F.
	2-8 5/8"ϕ = 0.720 x 29 x 2 =	41.76 "
VER.	3-6 5/8 ϕ = 0.552 x 9 x 2 =	9.94 "
	2-6 5/8 ϕ = 0.552 x 13 x 2 =	14.35 "
		74.88

ASSUMING BACK FACE IS SHIELDED SOMEWHAT

TOTAL AREA: 142.4 + 0.5 x 74.88 = 179.84 S.F.

AT 180 S.F. SURFACE AREA

4.4 Wave Loads

The following eight pages contain the wave summary of Dean's Stream Function wave grid profile with the modification for free surface effects.

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 1 WAVE DIRECTION = 60.000

X SHEAR FORCE =	682.8755 KIPS
Y SHEAR FORCE =	1232.7881 KIPS
RESULTANT SHEAR FORCE =	1409.2854 KIPS
X MUDLINE MOMENT =	-107606.5974 FT-KIPS
Y MUDLINE MOMENT =	58701.5736 FT-KIPS
RESULTANT MUDLINE MOMENT =	122605.2746 FT-KIPS
Z VERTICAL FORCE =	-72.3097 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 2 WAVE DIRECTION = 90.000

X SHEAR FORCE =	9.7653 KIPS
Y SHEAR FORCE =	1427.7466 KIPS
RESULTANT SHEAR FORCE =	1427.7800 KIPS
X MUDLINE MOMENT =	-124785.2616 FT-KIPS
Y MUDLINE MOMENT =	1401.9507 FT-KIPS
RESULTANT MUDLINE MOMENT =	124793.1367 FT-KIPS
Z VERTICAL FORCE =	-62.8666 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 3 WAVE DIRECTION =240.000

X SHEAR FORCE =	-689.0115 KIPS
Y SHEAR FORCE =	-1251.5563 KIPS
RESULTANT SHEAR FORCE =	1411.1937 KIPS
X MUDLINE MOMENT =	107335.6697 FT-KIPS
Y MUDLINE MOMENT =	-59667.7145 FT-KIPS
RESULTANT MUDLINE MOMENT =	122803.7100 FT-KIPS
Z VERTICAL FORCE =	-39.2270 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 4 WAVE DIRECTION =270.000

X SHEAR FORCE =	=.0914 KIPS
Y SHEAR FORCE =	=1384.2566 KIPS
RESULTANT SHEAR FORCE =	1384.2566 KIPS
X MUDLINE MOMENT =	121696.1914 FT=KIPS
Y MUDLINE MOMENT =	=55.7219 FT=KIPS
RESULTANT MUDLINE MOMENT =	121696.2033 FT=KIPS
Z VERTICAL FORCE =	=61.8031 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 5 WAVE DIRECTION = 60.000

X SHEAR FORCE =	-6.8075 KIPS
Y SHEAR FORCE =	-8.6660 KIPS
RESULTANT SHEAR FORCE =	11.0201 KIPS
X MUDLINE MOMENT =	-1849.3465 FT-KIPS
Y MUDLINE MOMENT =	1009.1489 FT-KIPS
RESULTANT MUDLINE MOMENT =	2106.7662 FT-KIPS
Z VERTICAL FORCE =	7.3009 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 0 WAVE DIRECTION = 90.000

X SHEAR FORCE =	-.1075 KIPS
Y SHEAR FORCE =	-8.9786 KIPS
RESULTANT SHEAR FORCE =	8.9802 KIPS
X MUDLINE MOMENT =	-2185.5561 FT-KIPS
Y MUDLINE MOMENT =	-14.2424 FT-KIPS
RESULTANT MUDLINE MOMENT =	2185.6025 FT-KIPS
Z VERTICAL FORCE =	7.3442 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 7 WAVE DIRECTION =240.000

X SHEAR FORCE =	4.0960 KIPS
Y SHEAR FORCE =	10.1414 KIPS
RESULTANT SHEAR FORCE =	10.9374 KIPS
X MUDLINE MOMENT =	1808.5507 FT-KIPS
Y MUDLINE MOMENT =	-1099.1764 FT-KIPS
RESULTANT MUDLINE MOMENT =	2116.3753 FT-KIPS
Z VERTICAL FORCE =	7.2055 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 6 WAVE DIRECTION =270.000

X SHEAR FORCE =	-.1015 KIPS
Y SHEAR FORCE =	12.3366 KIPS
RESULTANT SHEAR FORCE =	12.3370 KIPS
X MUDLINE MOMENT =	2063.9006 FT-KIPS
Y MUDLINE MOMENT =	-11.0655 FT-KIPS
RESULTANT MUDLINE MOMENT =	2064.9304 FT-KIPS
Z VERTICAL FORCE =	7.1111 KIPS

SECTION 5.0

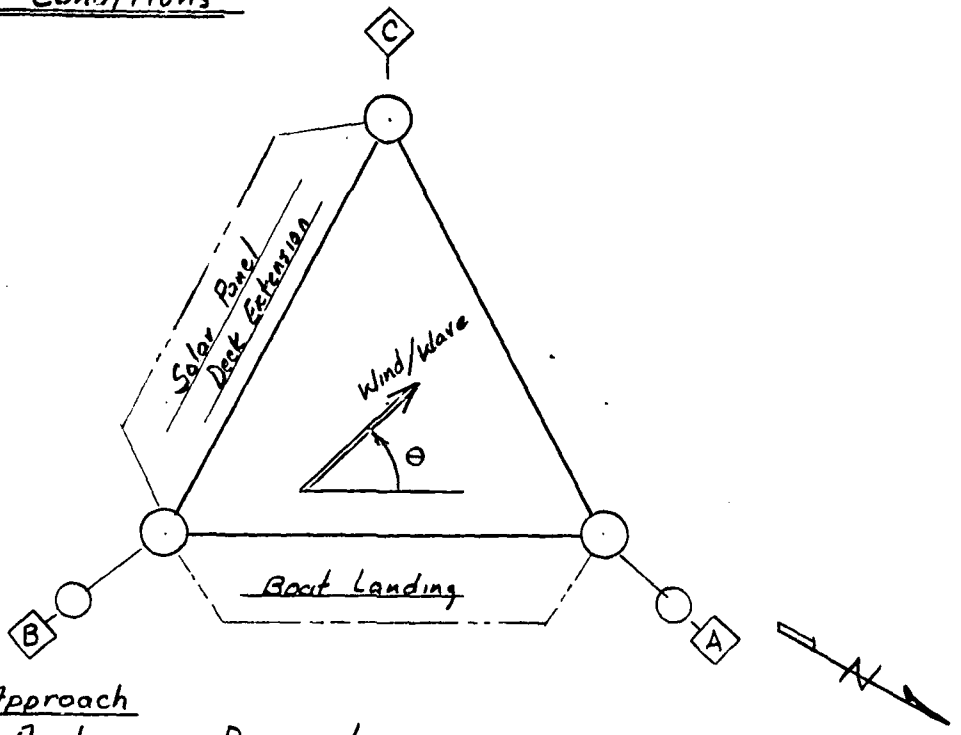
LOADING CONDITIONS

5.1 INTRODUCTION

This section describes the wave approaches considered and the loading conditions used to analyze the structure for the 50 year storm.

Load Conditions 1 to 4 are the load conditions generated by SEALOAD for the maximum force on the structure (in the area of the wave crest) for the four selected wave approaches. Load Conditions 5 to 8 are the load conditions generated by SEALOAD for the minimum force on the structure (in the area of the wave trough) for the same four selected wave approaches. These minimum force conditions are required for the fatigue analysis (Report No. 27-771-100) of the structure. Load Condition 9 is the dead weight generated by SEALOAD, the dead weight not included by the model, and the live load on the two deck areas. Load Conditions 10 to 13 are the maximum wave load conditions, Load Conditions 1 to 4, added to Load Condition 9, the total dead weight and live load of the structure. Load Conditions 14 to 17 are the minimum wave load conditions, Load Conditions 5 to 8, added to Load Condition 9.

5.2 Loading Conditions



Load Condition		Approach Angle	Description
1	=	60°	Maximum Wind/Wave Loads (Wave Crest)
2	=	90°	Maximum Wind/Wave Loads (Wave Crest)
3	=	240°	Maximum Wind/Wave Loads (Wave Crest)
4	=	270°	Maximum Wind/Wave Loads (Wave Crest)
5	=	60°	Minimum Wind/Wave Loads (Wave Trough)
6	=	90°	Minimum Wind/Wave Loads (Wave Trough)
7	=	240°	Minimum Wind/Wave Loads (Wave Trough)
8	=	270°	Minimum Wind/Wave Loads (Wave Trough)
9	=	Dead Loads + Live Loads of Structure	
10	=	1 + 9	
11	=	2 + 9	
12	=	3 + 9	
13	=	4 + 9	
14	=	5 + 9	
15	=	6 + 9	
16	=	7 + 9	
17	=	8 + 9	

SECTION 6.0

SPACE FRAME ANALYSIS

6.1 INTRODUCTION

This section contains the results of the space frame analysis of the structure subjected to the specified environmental conditions.

The space frame analysis set forth herein utilizes the available computer programs available at Synercom Technology, Inc., Houston, Texas. The program processing procedures are as follows:

1. Set up SEALOAD-2 program to obtain desired wind, wave and dead weight (including buoyancy effect) loadings on the structural components.

2. Update loadings in Step (1) due to additional dead weight and live loads on the structure.

3. Perform space frame analysis by using STRAN computer program.

6.2 Maximum Member Stresses

The following three pages tabulate the maximum stress each member of the mathematical model experiences. The loading condition in which this stress occurs as well as the maximum unity check are indicated. Since a one-third increase of all allowable stresses was used by the computer due to the storm condition, all unity checks should be compared to 1.00.

STRAN MEMBER STRESS REPORT NO. 3

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
101- 102	MIB-01	.400	12	0.0	-.56	4.71	-6.81	-.59	-7.09	49.5	55.2	.400	11	.396	13
101- 104	MIB-01	.403	12	0.0	-.51	4.69	-6.96	-.61	-7.21	49.4	55.2	.383	11	.374	13
101- 201	DBL-01	.058	12	15.0	-.26	-1.54	0.00	8.78	3.41	17.5	17.5	.054	13	.042	17
102- 103	MIB-01	.333	11	14.5	-.20	4.64	5.12	-.49	7.17	49.5	55.2	.329	13	.270	10
102- 104	MUB-01	.053	11	14.5	-.07	-.06	1.35	-.07	.17	50.9	108.3	.043	13	.041	12
102- 105	MUB-01	.035	11	14.5	-.11	.14	-.72	.03	.18	50.9	108.3	.035	10	.034	12
103- 105	MIB-01	.315	11	0.0	-.23	4.67	-4.37	-.36	-7.27	49.4	55.2	.310	13	.248	10
103- 203	DBL-01	.080	13	15.0	-.26	-2.23	0.00	-9.67	6.57	17.5	17.5	.077	12	.056	16
104- 105	MUB-01	.037	13	3.6	-.17	-.29	.51	.01	-.06	50.9	108.4	.037	11	.035	12
105- 106	MIB-01	.273	12	14.5	-.28	4.15	-3.74	.38	11.89	49.5	55.2	.272	10	.209	11
105- 106	MIB-01	.263	12	14.5	-.57	4.75	-2.81	.21	7.12	49.5	55.2	.217	10	.186	13
105- 206	DBL-01	.097	11	15.0	-.25	-2.62	0.00	-2.34	-14.38	17.5	17.5	.087	10	.056	15
201- 202	MIB-01	.515	11	0.0	1.21	6.34	7.69	.71	-9.96	49.5	55.2	.501	12	.449	13
201- 204	MIB-01	.580	11	0.0	-2.44	6.90	7.48	.64	-10.29	49.4	55.2	.537	10	.521	12
201- 301	DBL-01	.398	11	15.0	-.65	-11.69	0.00	11.62	37.01	17.5	17.5	.385	13	.309	10
201- 303	IBB-01	.306	10	32.6	-.72	-6.65	0.00	10.56	6.03	72.3	72.3	.236	11	.161	12
202- 203	MIB-01	.448	11	14.5	1.22	6.69	5.43	-.52	10.31	49.5	55.2	.424	13	.345	10
202- 204	MUB-01	.072	11	14.5	-.08	-.57	1.45	-.08	.17	50.9	108.3	.061	13	.061	12
202- 205	MUB-01	.041	11	14.5	-.13	.07	-.87	.03	.11	50.9	108.3	.038	13	.038	10
203- 205	MIB-01	.714	11	0.0	1.76	15.51	-4.70	-.38	-25.17	49.4	55.2	.660	13	.642	10
203- 303	DBL-01	.458	13	15.0	-1.24	-12.84	0.00	1.63	-36.45	17.5	17.5	.431	12	.430	10
203- 306	IBB-01	.397	10	32.6	-5.04	-5.34	0.00	-.86	.91	72.3	72.3	.387	11	.320	13
204- 205	MUB-01	.145	11	0.0	.19	.57	-.56	.00	-.25	50.9	108.4	.044	13	.041	12
204- 206	MIB-01	.452	12	14.5	1.87	6.68	-4.31	.44	10.79	49.5	55.2	.397	10	.359	13
205- 206	MIB-01	.669	12	14.5	-1.69	15.25	-3.35	.26	22.45	49.5	55.2	.583	10	.584	13
205- 301	IBB-01	.440	13	24.5	-5.53	-5.85	0.00	-.11	1.18	72.3	72.3	.403	11	.377	12
205- 306	DBL-01	.529	11	15.0	-1.26	-15.32	0.00	11.41	53.64	17.5	17.5	.527	13	.445	10
301- 303	IBB-01	.542	10	24.0	-1.51	-15.05	0.00	14.77	3.23	64.2	64.2	.500	12	.490	11
301- 306	IBB-01	.602	12	29.0	3.82	14.87	0.00	-14.80	1.34	64.2	64.2	.601	11	.597	10
301- 401	DBL-01	.557	13	24.5	-1.22	-16.18	0.00	10.84	81.99	33.3	33.3	.511	11	.380	10
303- 306	IBB-01	.500	11	29.0	2.43	15.17	0.00	-7.37	3.80	64.2	64.2	.455	12	.437	13
303- 403	DBL-01	.505	12	28.5	-1.53	-16.47	0.00	-15.26	70.78	33.3	33.3	.574	10	.567	13
306- 406	DBL-01	.709	11	28.5	-1.94	-21.99	0.00	-9.66	-96.58	33.3	33.3	.675	13	.651	10
401- 501	JBB-01	.592	13	4.6	4.85	7.09	0.00	71.66	-27.51	3.3	3.9	.387	11	.286	12
401- 510	MIB-01	.545	13	4.6	-6.13	-4.17	0.00	2.73	-8.24	3.9	3.9	.316	11	.265	12
403- 503	JBB-01	.459	12	4.6	7.96	5.77	0.00	-39.20	-108.31	3.3	3.3	.440	10	.426	13
403- 511	MIB-01	.434	12	4.6	-10.13	-2.77	0.00	2.63	-14.08	3.9	3.9	.400	10	.359	13
406- 506	JBB-01	.455	11	4.6	9.51	5.48	0.00	-9.37	-81.38	3.3	3.3	.431	13	.394	10
406- 512	MIB-01	.518	11	0.0	-11.40	-3.57	0.00	-.29	4.47	3.9	3.9	.470	13	.453	10
501- 502	IBB-01	.401	13	0.0	-5.73	-5.82	0.00	-1.06	-4.46	53.5	26.7	.340	11	.330	10
501- 503	IBB-01	.693	13	0.0	8.87	12.40	0.00	-4.12	-8.47	53.5	26.7	.678	11	.611	12
501- 601	JBB-01	.642	13	0.0	8.11	11.43	0.00	-116.23	17.40	4.5	4.5	.642	11	.496	12
501- 622	JBB-01	.501	10	0.0	5.39	8.65	0.00	-13.78	-11.68	28.6	28.6	.432	12	.382	13
502- 503	IBB-01	.392	13	0.0	-5.87	-5.51	0.00	10.97	1.13	53.5	26.7	.325	11	.195	12
502- 504	IBB-01	.164	13	0.0	.80	4.30	0.00	-1.25	-1.45	49.5	49.5	.155	12	.148	11
502- 505	IBB-01	.270	12	0.0	2.23	6.09	0.00	3.15	-1.20	49.5	49.5	.249	10	.230	13
503- 505	IBB-01	.563	12	0.0	-6.54	-10.14	0.00	-.56	-8.10	53.5	26.7	.515	13	.405	10
503- 603	JBB-01	.575	12	0.0	11.26	9.09	0.00	92.24	50.28	4.5	4.5	.572	10	.526	11

STRAN MEMBER STRESS REPORT NO. 3

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
503= 625	200=V1	.810	12	0.0	15.92	10.54	0.00	1.82	-15.90	28.4	28.4	.774	13	.733	10
504= 505	105=V1	.271	13	15.2	-2.30	-5.01	0.00	-5.81	.53	49.5	49.5	.265	11	.198	12
504= 506	105=V1	.753	11	15.2	-10.21	-10.47	0.00	-.52	8.69	53.5	26.7	.619	10	.550	13
505= 506	105=V1	.516	10	15.2	4.62	11.31	0.00	-4.36	8.47	53.5	26.7	.464	12	.440	11
506= 626	JL6=V1	.505	11	0.0	14.80	4.79	0.00	18.14	49.63	4.5	4.5	.650	13	.584	12
508= 624	200=V1	.792	11	0.0	15.51	10.46	0.00	19.34	-13.65	28.4	28.4	.722	13	.645	10
510= 710	M1=V1	.345	13	0.0	-6.15	-4.17	0.00	4.20	27.57	21.4	21.4	.316	11	.260	12
511= 711	M1=V1	.447	12	0.0	-10.15	-2.77	0.00	.20	49.53	21.4	21.4	.400	10	.359	13
512= 712	M1=V1	.522	11	0.0	-11.82	-3.25	0.00	-.29	57.47	21.4	21.4	.470	13	.457	10
601= 621	JL6=V1	.405	13	0.0	7.99	6.49	0.00	-61.75	19.29	4.5	4.5	.476	11	.306	12
603= 623	JL6=V1	.557	12	0.0	11.13	4.77	0.00	67.96	42.82	4.5	4.5	.527	10	.437	13
606= 626	JL6=V1	.596	11	0.0	14.76	2.03	0.00	18.14	44.61	4.5	4.5	.579	13	.531	10
621= 651	JL6=V1	.369	13	0.0	7.97	2.91	0.00	-70.90	16.75	4.5	4.5	.359	11	.172	12
622= 705	200=V1	.490	10	21.8	6.35	6.54	0.00	16.04	6.54	30.5	30.5	.463	12	.255	13
623= 653	JL6=V1	.436	12	6.1	11.10	1.00	0.00	52.10	23.04	4.5	4.5	.418	10	.297	13
624= 701	200=V1	.579	13	21.9	-13.13	-5.61	0.00	9.65	-4.91	30.7	30.7	.591	11	.513	12
625= 706	200=V1	.629	11	21.9	-15.11	-4.71	0.00	-9.01	-5.88	30.7	30.7	.618	13	.590	10
626= 656	JL6=V1	.541	11	6.1	14.74	.93	0.00	18.14	14.63	4.5	4.5	.514	13	.484	10
651= 701	JL6=V1	.305	13	0.0	8.35	.48	0.00	-15.07	10.41	5.3	5.3	.295	11	.110	12
653= 703	JL6=V1	.478	12	7.1	11.65	2.54	0.00	14.25	-7.06	5.3	5.3	.471	10	.243	11
656= 706	JL6=V1	.575	11	7.1	14.72	1.95	0.00	18.14	-2.68	5.3	5.3	.540	13	.486	10
701= 702	157=V1	.357	12	18.8	-5.40	-6.17	0.00	-6.64	.08	83.1	41.5	.325	10	.319	13
701= 704	157=V1	.277	10	18.8	-1.79	-5.95	0.00	6.59	.03	83.1	41.5	.241	12	.145	13
701= 801	JL7=V1	.427	13	14.2	6.91	3.71	0.00	-1.43	-4.79	21.4	21.4	.415	11	.208	10
701= 806	200=V1	.759	11	0.0	-11.65	-5.47	0.00	-7.59	8.66	70.3	70.3	.615	13	.598	10
702= 703	157=V1	.326	12	0.0	-4.47	-3.67	0.00	4.95	.47	83.1	41.5	.325	13	.280	11
702= 704	157=V1	.138	11	0.0	-.81	-3.24	0.00	2.39	-.05	61.3	61.3	.131	13	.023	10
702= 705	157=V1	.211	10	0.0	-1.29	-4.92	0.00	-3.96	-.09	61.3	61.3	.196	12	.117	11
703= 705	157=V1	.246	11	18.8	-1.94	-5.20	0.00	-4.79	.25	83.1	41.5	.216	13	.160	12
703= 801	200=V1	.851	10	0.0	-6.89	-9.75	0.00	17.71	4.03	70.3	70.3	.562	12	.252	11
703= 803	JL7=V1	.830	12	7.1	19.29	5.07	0.00	-2.36	2.90	21.4	21.4	.827	10	.595	11
704= 705	157=V1	.239	13	0.0	-1.51	-5.50	0.00	4.61	-.20	61.3	61.3	.226	12	.224	11
704= 706	157=V1	.218	10	0.0	-2.40	-3.11	0.00	-4.56	.43	83.1	41.6	.173	12	.173	11
705= 706	157=V1	.229	11	18.8	-2.65	-3.08	0.00	-2.62	.92	83.1	41.6	.211	10	.145	12
705= 803	200=V1	.859	12	0.0	-12.93	-6.28	0.00	1.69	10.07	70.3	70.3	.835	13	.711	11
706= 805	JL7=V1	.890	11	7.1	21.65	4.57	0.00	-8.35	3.97	21.4	21.4	.853	13	.729	10
710= 810	M2=V1	.242	13	28.4	-5.53	-1.37	0.00	8.59	4.79	24.1	24.1	.192	11	.113	12
711= 811	M2=V1	.425	12	28.4	-9.07	-3.28	0.00	-1.98	8.77	24.1	24.1	.363	10	.258	13
712= 812	M2=V1	.484	11	28.4	-11.56	-3.56	0.00	-.29	9.89	24.1	24.1	.421	10	.410	13
801= 802	140=V1	.325	13	22.8	-5.17	-5.58	0.00	-6.46	-.27	91.6	45.8	.272	11	.257	12
801= 804	140=V1	.355	10	22.8	-5.45	-6.19	0.00	6.58	.20	91.6	45.8	.323	12	.318	11
801= 901	JL8=V1	.341	11	16.2	-8.80	-2.42	0.00	-6.13	-3.03	24.5	24.5	.376	13	.156	10
801= 903	200=V1	.644	12	59.6	-8.40	-9.33	0.00	-12.26	-2.92	83.5	83.5	.523	10	.246	11
802= 803	140=V1	.323	13	0.0	-5.19	-5.48	0.00	6.40	.19	91.6	45.8	.249	11	.202	12
802= 804	140=V1	.119	11	22.8	-.00	-2.75	0.00	-1.85	.24	74.5	74.5	.115	13	.057	12
802= 805	140=V1	.257	10	0.0	-1.27	-5.02	0.00	-3.59	-.05	74.5	74.5	.219	12	.124	11
803= 805	140=V1	.265	12	0.0	-5.01	-4.02	0.00	.75	-1.51	91.6	45.8	.202	13	.184	10
805= 905	JL8=V1	.466	12	8.1	11.29	2.33	0.00	.36	4.54	24.5	24.5	.465	10	.267	13

STRAN MEMBER STRESS REPORT NO. 3

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
803-906	200-01	1.007	10	0.0	-13.20	-6.90	0.00	-.96	8.27	83.5	83.5	.864	11	.709	12
804-805	100-01	.252	13	22.8	-1.43	-5.87	0.00	-5.81	.12	74.5	74.5	.230	11	.217	12
804-806	140-01	.348	11	22.8	-4.23	-5.80	0.00	2.19	1.26	91.6	45.8	.347	10	.265	12
805-806	140-01	.218	10	22.8	2.21	4.46	0.00	-1.29	1.33	91.6	45.8	.213	12	.134	11
806-901	200-01	.937	13	0.0	-11.59	-7.87	0.00	-8.31	6.54	83.5	83.5	.705	12	.700	11
906-906	JL6-01	.581	11	16.2	14.39	2.58	0.00	-2.21	-3.74	24.5	24.5	.559	13	.551	12
910-910	P2-01	.274	13	32.4	-5.65	-2.32	0.00	8.83	-15.50	27.5	27.5	.219	11	.128	12
911-911	P2-01	.469	12	32.4	-9.17	-4.57	0.00	-2.36	-45.44	27.5	27.5	.404	10	.313	13
912-912	P2-01	.529	11	32.4	-10.66	-4.69	0.00	-.29	-48.85	27.5	27.5	.454	10	.440	13
901-902	169-01	.393	10	6.8	-4.68	-4.60	0.00	.38	-.64	96.0	48.0	.292	12	.214	11
901-904	169-01	.445	11	27.4	-5.75	-4.28	0.00	4.29	.58	96.0	48.0	.339	13	.325	10
901-1001	JL9-01	.087	13	0.0	.99	1.67	0.00	-15.67	2.92	24.5	24.5	.085	11	.073	10
901-1002	180-01	.555	12	42.2	-9.31	-4.21	0.00	-5.87	-2.89	65.5	65.5	.451	10	.148	11
901-1004	180-01	.903	11	42.2	-16.23	-4.40	0.00	2.93	-4.89	65.5	65.5	.664	13	.562	10
902-903	169-01	.326	10	27.4	-4.27	-3.05	0.00	3.96	-.04	96.0	48.0	.240	12	.203	11
902-904	189-01	.122	11	27.4	-.60	-2.86	0.00	-1.62	.20	89.5	89.5	.111	13	.048	12
902-905	109-01	.260	10	0.0	-1.17	-6.29	0.00	-2.94	-.02	89.5	89.5	.237	12	.151	11
903-905	169-01	.539	12	0.0	-7.28	-3.28	0.00	.10	-1.10	96.0	48.0	.493	13	.349	10
903-1002	180-01	.599	10	0.0	-9.28	-5.58	0.00	6.77	2.16	65.5	65.5	.497	12	.146	11
903-1003	JL9-01	.137	12	0.0	1.01	2.56	0.00	14.23	12.15	24.5	24.5	.123	10	.121	13
903-1005	180-01	1.064	10	0.0	-18.43	-5.49	0.00	-.79	5.85	65.5	65.5	.929	11	.799	12
904-905	109-01	.263	13	27.4	-1.31	-6.13	0.00	-3.24	.14	89.6	89.6	.236	11	.225	12
904-906	169-01	.464	11	27.4	-5.38	-2.90	0.00	1.91	.90	96.0	48.0	.293	10	.289	13
905-906	169-01	.471	12	27.4	-6.54	-3.02	0.00	1.16	-.42	96.0	48.0	.431	13	.342	10
906-1004	180-01	.895	13	0.0	-15.36	-5.28	0.00	-4.02	4.55	65.5	65.5	.725	11	.589	12
906-1005	180-01	1.021	12	42.2	-18.40	-4.56	0.00	-.52	-5.28	65.5	65.5	.879	13	.777	10
906-1006	JL9-01	.125	11	8.1	1.75	1.95	0.00	5.33	4.52	24.5	24.5	.118	13	.117	10
1010-910	P3-01	.530	13	0.0	-4.90	-11.41	0.00	8.74	-90.57	27.7	27.7	.510	11	.186	12
1011-911	P3-01	.906	12	0.0	-7.89	-20.03	0.00	-2.26	-172.32	27.7	27.7	.836	10	.539	13
1012-912	P3-01	1.033	11	0.0	-9.15	-22.85	0.00	-.29	-192.60	27.7	27.7	.909	10	.893	13
1001-1002	200-01	.368	13	32.0	-5.93	-2.62	0.00	-6.67	-.47	89.8	44.9	.304	11	.181	10
1001-1004	200-01	.402	13	0.0	-5.15	-4.11	0.00	.25	-2.10	89.8	44.9	.345	11	.173	12
1002-1003	200-01	.840	12	32.0	-9.51	-4.03	0.00	-5.29	1.41	89.8	44.9	.473	10	.402	13
1002-1004	140-01	.215	11	0.0	-1.02	-5.40	0.00	1.73	1.48	63.8	63.8	.195	13	.192	12
1002-1005	140-01	.267	10	0.0	-1.76	-6.63	0.00	-3.53	1.06	63.8	63.8	.258	12	.237	11
1003-1005	200-01	.672	12	0.0	-9.07	-4.58	0.00	.38	-3.31	89.8	44.9	.471	10	.423	13
1004-1005	140-01	.264	12	0.0	-1.76	-5.91	0.00	3.47	.68	63.8	63.8	.246	13	.242	10
1004-1006	200-01	.74	11	32.0	-10.37	-4.56	0.00	3.46	2.68	89.8	44.9	.655	10	.483	13
1005-1006	200-01	.724	11	32.0	-10.16	-4.28	0.00	-2.99	2.50	89.8	44.9	.658	10	.476	13

105

6.3 Maximum Member Forces

The following three pages tabulate the maximum member forces for each member of the mathematical model. Since a one-third increase of all allowable stresses was used by the computer due to the storm condition, all unity checks should be compared to 1.00.

STRAN MEMBER STRESS REPORT NO. 1

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
101- 102	W18-01	.400	.015	.149	.237	12	0.0	-5.76	.01	419.37	-73.05	.400	11	.386	13
101- 104	W18-01	.403	.013	.148	.242	12	0.0	-4.97	-.01	417.69	-74.66	.383	11	.374	13
101- 201	DRL-01	.058	.010	.003	.045	12	15.0	-23.95	-147.71	251.97	-951.86	.054	13	.042	17
102- 103	W18-01	.333	.009	.146	.178	11	14.5	-3.51	-.01	413.28	54.93	.329	13	.270	10
102- 104	W08-01	.055	.004	.002	.047	11	14.5	-.47	-.00	-1.27	7.56	.043	13	.041	12
102- 105	W08-01	.036	.007	.004	.025	11	14.5	-.81	.00	2.85	-4.01	.035	10	.034	12
103- 105	W18-01	.315	.010	.154	.152	11	0.0	-3.79	.00	433.58	-46.84	.310	13	.248	10
103- 203	DRL-01	.080	.009	.025	.045	13	15.0	-23.52	100.32	850.55	1143.88	.077	12	.056	16
104- 105	W08-01	.037	.010	.009	.018	13	3.6	-1.17	-.00	-6.02	2.83	.037	11	.035	12
104- 106	W18-01	.275	.012	.131	.130	12	14.5	-4.49	.02	370.24	-40.05	.272	10	.209	11
105- 106	W18-01	.265	.015	.150	.098	12	14.5	-5.98	.00	423.44	-30.12	.217	10	.186	13
106- 206	DRL-01	.097	.008	.084	.004	11	15.0	-21.02	94.78	-1754.72	400.61	.087	10	.058	15
201- 202	W18-01	.516	.042	.200	.274	11	0.0	19.56	.07	564.80	84.58	.501	12	.499	13
201- 204	W18-01	.560	.102	.218	.260	11	0.0	-39.54	-.05	615.30	80.17	.537	10	.521	12
201- 301	DRL-01	.398	.023	.366	.010	11	15.0	-57.17	623.15	7500.34	-1230.99	.385	13	.309	10
201- 303	120-01	.306	.033	.104	.169	10	32.6	-15.60	5.47	303.29	-385.76	.238	11	.161	12
202- 203	W18-01	.448	.043	.217	.188	11	14.5	19.83	-.06	613.71	58.18	.424	13	.385	10
202- 204	W08-01	.072	.004	.018	.050	11	14.5	-.46	-.00	-11.83	8.02	.061	13	.061	12
202- 205	W08-01	.041	.008	.002	.030	11	14.5	-.91	-.02	1.56	-4.88	.038	13	.038	10
203- 205	W18-01	.714	.061	.490	.163	11	0.0	28.57	-.07	1381.71	-50.36	.660	13	.642	10
203- 303	DRL-01	.450	.045	.404	.001	13	15.0	-112.67	333.88	-8191.41	-473.03	.431	12	.430	10
203- 306	120-01	.399	.234	.127	.038	10	32.6	-97.05	-20.05	266.07	145.22	.387	11	.320	13
204- 205	W08-01	.045	.007	.038	.020	11	0.0	1.67	.02	11.81	-3.15	.044	13	.041	12
204- 206	W18-01	.432	.065	.217	.150	12	14.5	30.28	.06	613.27	-46.18	.397	10	.359	13
205- 206	W18-01	.669	.071	.481	.117	12	14.5	-27.44	.06	1358.57	-35.96	.583	10	.564	13
206- 301	120-01	.440	.256	.036	.148	13	24.5	-106.57	-9.60	146.82	297.32	.403	11	.377	12
206- 306	DRL-01	.529	.046	.475	.009	11	15.0	-114.83	244.67	9701.72	-1353.58	.527	13	.445	10
301- 303	123-01	.542	.067	.024	.451	10	29.0	-29.14	19.34	191.10	-831.60	.500	12	.490	11
301- 306	123-01	.602	.133	.016	.454	12	29.0	73.43	-10.05	-154.08	829.02	.601	11	.597	10
301- 401	DRL-01	.557	.046	.488	.023	13	26.5	-110.85	1280.08	10110.95	-2192.31	.511	11	.380	10
303- 306	123-01	.500	.084	.189	.227	11	29.0	46.78	-15.01	503.42	551.52	.455	12	.437	13
303- 403	DRL-01	.586	.051	.534	.001	12	26.5	-120.97	-321.44	10832.78	538.74	.574	10	.567	13
306- 406	DRL-01	.768	.074	.679	.015	11	26.5	-176.65	231.86	-13906.14	2066.94	.675	13	.651	10
401- 501	JL4-01	.392	.168	.013	.211	13	4.6	1232.16	111.95	-4819.27	-19515.07	.387	11	.286	12
401- 510	P1-01	.345	.213	.027	.105	13	4.6	-1357.15	-110.20	-4040.69	7956.33	.316	11	.266	12
403- 503	JL4-01	.456	.274	.045	.137	12	4.6	2003.97	-164.34	-8156.15	14192.73	.440	10	.428	13
403- 511	P1-01	.439	.352	.079	.009	12	4.6	-2241.22	-104.13	-5620.36	-1692.33	.400	10	.359	13
406- 506	JL4-01	.456	.330	.117	.008	11	4.6	2418.05	292.80	-10697.64	2912.77	.431	13	.394	10
406- 512	P1-01	.516	.410	.106	.000	11	0.0	-2612.06	275.85	-7201.48	-309.25	.470	13	.453	10
501- 502	105-01	.401	.259	.041	.121	13	0.0	-175.12	152.07	320.42	-565.13	.340	11	.330	10
501- 504	105-01	.693	.301	.302	.090	13	0.0	261.79	65.77	1215.83	-662.90	.676	11	.611	12
501- 601	JL5-01	.642	.282	.016	.345	13	0.0	1156.90	133.19	-3865.54	-17776.54	.642	11	.496	12
501- 622	200-01	.501	.222	.161	.119	10	0.0	242.91	-204.30	1200.28	-1030.43	.432	12	.302	13
502- 503	105-01	.342	.244	.029	.119	13	0.0	-177.33	-122.27	-254.32	536.13	.325	11	.195	12
502- 504	105-01	.164	.028	.135	.001	13	0.0	9.50	-46.67	128.38	-8.51	.155	12	.148	11
502- 505	105-01	.270	.078	.093	.099	12	0.0	20.59	27.68	126.81	130.58	.269	10	.200	13
503- 505	105-01	.563	.264	.299	.000	12	0.0	-191.41	-12.98	1132.28	20.66	.515	13	.405	10
503- 603	JL5-01	.678	.391	.062	.225	12	0.0	1609.97	-39.06	-6735.11	12041.21	.672	10	.628	11

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 5 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	T-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
503- 625	200-01	.810	.483	.320	.006	12	0.0	529.59	-.72	1828.87	260.02	.774	13	.733	10
504- 505	105-01	.271	.094	.023	.154	13	15.2	-27.38	-.03	-60.30	156.48	.265	11	.198	12
504- 506	105-01	.753	.425	.322	.007	11	15.2	-306.16	42.80	1155.58	178.69	.619	10	.550	13
505- 505	105-01	.518	.161	.308	.049	10	15.2	139.56	-24.95	1173.92	446.78	.464	12	.440	11
506- 606	JL5-01	.665	.514	.134	.017	11	0.0	2115.40	418.94	-7183.58	2572.00	.650	13	.588	12
509- 624	200-01	.792	.462	.234	.096	11	0.0	506.23	90.12	1575.79	1008.17	.722	13	.645	10
510- 710	P1-01	.345	.213	.028	.104	13	0.0	-1357.18	-249.45	-4090.23	7930.85	.316	11	.260	12
511- 711	P1-01	.447	.370	.069	.007	12	0.0	-2241.28	-96.41	-5632.14	-1857.33	.400	10	.359	13
512- 712	P1-01	.522	.432	.089	.000	11	0.0	-2615.51	336.58	-6940.67	-343.20	.470	13	.457	10
601- 621	JL6-01	.483	.278	.016	.189	13	0.0	1142.58	-487.34	-2884.13	-9925.32	.476	11	.306	12
603- 623	JL6-01	.537	.387	.033	.117	12	0.0	1591.49	332.40	-3578.25	6698.74	.527	10	.437	13
605- 626	JL6-01	.596	.513	.076	.007	11	0.0	2112.54	414.89	-4001.22	1249.07	.579	13	.531	10
621- 651	JL6-01	.369	.277	.012	.080	13	0.0	1139.70	-479.92	-1664.85	-4314.57	.359	11	.172	12
622- 703	200-01	.490	.220	.047	.223	10	21.6	641.52	-212.57	634.54	-1348.25	.463	12	.255	13
623- 653	JL6-01	.436	.385	.014	.036	12	6.1	1566.03	329.00	1353.07	-2151.21	.418	10	.297	13
624- 701	200-01	.599	.495	.000	.103	13	21.9	-499.67	-91.96	-37.27	-644.50	.591	11	.513	12
625- 706	200-01	.629	.495	.002	.133	11	21.9	-498.74	127.23	-95.67	836.33	.618	13	.590	10
626- 656	JL6-01	.541	.512	.003	.026	11	6.1	2106.91	414.77	497.85	-1309.10	.514	13	.484	10
651- 701	JL6-01	.305	.290	.012	.003	13	0.0	1192.89	-1277.66	-684.61	-329.91	.295	11	.110	12
653- 703	JL6-01	478	.405	.009	.065	12	7.1	1665.14	636.40	1309.44	-3481.71	.471	10	.283	11
656- 706	JL6-01	.573	.511	.006	.056	11	7.1	2103.95	414.12	962.41	-2944.00	.540	13	.466	10
701- 702	137-01	.367	.195	.001	.171	12	18.8	-75.08	13.10	-24.86	349.21	.325	10	.319	13
701- 704	137-01	.277	.089	.001	.186	10	18.8	-34.40	-12.24	-27.52	-336.06	.241	12	.145	13
701- 801	JL7-01	.427	.309	.019	.098	13	14.2	629.57	-417.53	1176.74	2672.77	.415	11	.208	10
701- 806	200-01	.739	.552	.160	.046	11	0.0	-442.50	3.91	-860.55	-463.76	.613	13	.598	10
702- 703	137-01	.326	.224	.002	.100	12	0.0	-86.04	-17.10	-28.78	205.69	.325	13	.280	11
702- 704	107-01	.138	.055	.001	.101	11	0.0	-9.69	6.28	-10.19	96.42	.131	13	.023	10
702- 705	107-01	.211	.056	.001	.154	10	0.0	-15.36	-1.46	-10.74	-146.65	.198	12	.117	11
703- 705	137-01	.246	.062	.001	.183	11	18.8	-51.52	4.68	-25.94	293.71	.216	13	.160	12
703- 801	200-01	.651	.315	.053	.283	10	0.0	-252.10	19.04	-562.25	1651.44	.582	12	.282	11
703- 803	JL7-01	.830	.670	.079	.081	12	7.1	1363.70	-390.97	2792.23	-2843.52	.827	10	.595	11
704- 705	107-01	.259	.065	.000	.174	13	0.0	-17.97	1.61	-2.31	164.36	.226	12	.224	11
704- 706	137-01	.218	.120	.002	.096	10	0.0	-46.17	21.44	-28.03	-173.97	.173	12	.173	11
705- 706	137-01	.229	.132	.070	.028	11	18.8	-50.61	-14.39	147.81	93.41	.211	10	145	12
706- 803	200-01	.839	.591	.230	.018	12	0.0	-491.76	-11.78	-1079.89	303.78	.835	13	.711	11
706- 806	JL7-01	.890	.752	.117	.021	11	7.1	1530.48	-236.62	3164.77	-1350.37	.853	13	.729	10
710- 810	P2-01	.242	.205	.035	.002	13	28.4	-1395.93	-842.85	3181.29	-789.22	.192	11	.113	12
711- 811	P2-01	.425	.335	.088	.003	12	28.4	-2280.34	-852.99	7747.87	1570.55	.363	10	.266	13
712- 812	P2-01	.468	.390	.078	.000	11	28.4	-2654.69	-301.93	8530.59	-194.69	.421	10	.410	13
801- 802	140-01	.325	.170	.004	.152	13	22.8	-67.21	22.83	-55.90	381.39	.272	11	.257	12
801- 804	140-01	.389	.211	.002	.172	10	22.8	-83.66	-27.33	-41.19	-425.75	.323	12	.318	11
801- 901	JL6-01	.391	.325	.019	.048	11	16.2	-621.69	-211.33	-1006.71	-1614.22	.376	13	.158	10
801- 903	200-01	.644	.521	.005	.318	12	59.6	-245.53	31.55	-213.02	1653.65	.523	10	.288	11
802- 803	140-01	.323	.171	.003	.149	13	0.0	-67.59	-33.20	-51.75	374.81	.249	11	.202	12
802- 804	100-01	.119	.032	.001	.086	11	22.8	-8.15	9.47	9.41	81.64	.113	13	.037	12
802- 805	100-01	.237	.060	.002	.175	10	0.0	-15.09	-9.03	-17.57	-147.08	.219	12	.129	11
803- 805	140-01	.283	.161	.105	.017	12	0.0	-63.85	1.60	256.40	107.29	.202	13	.184	10
803- 903	JL6-01	.466	.392	.062	.012	12	6.1	797.91	-210.64	1684.12	-729.62	.465	10	.267	13

STRAN MEMBER STRESS REPORT NO. 1

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
803- 906	200-01	1.007	.562	.337	.008	10	0.0	-502.07	26.35	-1218.83	-185.82	.864	11	.709	12
804- 805	100-01	.252	.067	.001	.184	13	22.8	-17.02	-2.64	-11.56	175.04	.230	11	.217	12
804- 805	100-01	.349	.227	.107	.014	11	22.8	-89.72	12.89	244.11	-96.71	.347	10	.245	12
805- 806	100-01	.219	.077	.088	.053	10	22.8	46.91	-7.03	245.85	186.58	.213	12	.134	11
806- 911	200-01	.737	.561	.162	.174	13	0.0	-440.75	-14.34	-1005.92	-982.24	.703	12	.700	11
806- 906	JL6-01	.581	.500	.077	.004	11	16.2	1017.19	312.25	1978.33	450.96	.559	13	.551	12
810- 910	P2-01	.274	.211	.027	.037	13	32.4	-1419.65	510.13	-3625.48	-4222.24	.219	11	.128	12
811- 911	P2-01	.469	.342	.121	.006	12	32.4	-2504.07	-886.65	-10714.22	2282.03	.404	10	.313	13
812- 912	P2-01	.529	.398	.131	.000	11	32.4	-2670.35	586.00	-11260.94	-79.25	.454	10	.440	13
901- 902	100-01	.393	.261	.008	.124	10	0.9	-114.02	-16.55	94.68	410.52	.292	12	.214	11
901- 904	100-01	.443	.320	.000	.123	11	27.4	-140.05	-12.19	-19.47	-391.53	.339	13	.325	10
901-1001	JL4-01	.087	.055	.031	.022	13	0.0	70.30	330.16	1007.45	-646.48	.085	11	.073	10
901-1002	100-01	.555	.414	.029	.112	12	42.2	-255.94	68.17	-222.66	439.05	.451	10	.148	11
901-1004	100-01	.903	.721	.161	.021	11	42.2	-446.09	-23.29	-484.91	-174.56	.664	13	.562	10
902- 903	100-01	.326	.257	.015	.075	10	27.4	-103.05	35.82	-100.23	-240.38	.240	12	.203	11
902- 904	100-01	.122	.051	.006	.084	11	27.4	-7.10	10.64	22.11	82.76	.111	13	.048	12
902- 905	100-01	.260	.062	.003	.196	10	0.0	-15.96	-5.95	-22.55	-186.81	.237	12	.151	11
903- 905	100-01	.539	.406	.133	.000	12	0.0	-177.35	6.08	300.32	4.49	.493	13	.349	10
903-1002	100-01	.599	.412	.020	.167	10	0.0	-255.01	-32.03	-212.29	617.51	.497	12	.146	11
903-1003	JL9-01	.137	.056	.000	.001	12	0.0	115.79	-717.61	-7.32	2011.62	.123	10	.121	13
903-1005	100-01	1.064	.819	.240	.005	10	0.0	-506.70	-1.68	-637.04	-87.17	.929	11	.799	12
904- 905	100-01	.263	.069	.000	.193	13	27.4	-15.04	.54	-6.91	183.09	.236	11	.225	12
904- 906	100-01	.464	.355	.101	.007	11	27.4	-155.45	25.92	253.62	-78.79	.293	10	.289	13
905- 906	100-01	.471	.364	.075	.032	12	27.4	-159.29	1.97	-221.35	-165.99	.431	13	.362	10
906-1004	100-01	.895	.685	.144	.066	13	0.0	-422.65	24.08	-508.28	-350.45	.725	11	.589	12
906-1005	100-01	1.021	.817	.202	.001	12	42.2	-505.83	21.61	-532.59	41.81	.879	13	.777	10
906-1006	JL4-01	.123	.061	.038	.024	11	8.1	123.81	-25.18	1204.13	955.32	.118	13	.117	10
1001- 910	P3-01	.530	.170	.339	.021	13	0.0	-1447.74	936.68	30721.72	7620.73	.510	11	.186	12
1001- 911	P3-01	.906	.274	.630	.002	12	0.0	-2532.22	-2310.83	55460.05	-3151.32	.836	10	.534	13
1002- 912	P3-01	1.033	.318	.715	.000	11	0.0	-2706.01	71.13	62812.18	-34.52	.909	10	.893	13
1001-1002	200-01	.368	.313	.000	.075	13	32.4	-225.75	-83.33	-21.67	467.08	.304	11	.181	10
1001-1004	200-01	.402	.270	.091	.040	13	0.0	-194.97	-91.57	595.27	-431.54	.343	11	.173	12
1002-1003	200-01	.640	.501	.060	.079	12	32.0	-361.01	93.53	419.03	586.60	.473	10	.402	13
1002-1004	100-01	.215	.045	.152	.014	11	0.0	-16.45	36.47	-271.42	94.40	.195	13	.192	12
1002-1005	100-01	.287	.074	.080	.129	10	0.0	-20.51	-15.60	-218.08	-277.41	.258	12	.237	11
1003-1005	200-01	.672	.478	.194	.000	12	0.0	-345.00	13.37	814.79	-19.66	.471	10	.423	13
1004-1005	100-01	.264	.077	.058	.128	12	0.0	-28.23	25.71	-175.45	241.09	.246	13	.242	10
1004-1006	200-01	.741	.547	.164	.031	11	32.0	-394.64	-5.31	717.55	-347.43	.655	10	.483	13
1005-1006	200-01	.724	.536	.173	.015	11	32.0	-387.13	49.48	720.06	258.43	.658	10	.476	13

6.9 Joint Deflections and Rotations

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 10 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	3.54126	7.45051	-.12455	.00107	-.00065	.00176	
102	3.54129	6.85206	-.28757	.00091	-.00045	.00486	
103	3.54211	5.85540	-.28643	.00104	-.00033	.00584	
104	2.70156	7.05124	-.07517	.00125	-.00072	.00491	
105	2.70168	6.25295	-.16562	.00115	-.00031	.00415	
106	2.70907	5.44966	.11313	.00110	-.00073	.00559	
201	3.48717	7.65023	-.12511	.00107	-.00050	.00165	
202	3.47981	6.84679	-.30278	.00031	-.00046	.00488	
203	3.47225	6.04917	-.28496	.00103	-.00048	.00569	
204	2.79862	7.24828	-.10879	.00137	-.00109	.00484	
205	2.79708	6.45108	-.31522	.00059	-.00112	.00400	
206	2.13655	5.84566	.11448	.00133	-.00065	.00561	
301	3.56248	7.73930	-.11967	-.00073	-.00057	.00119	
302	3.56005	6.89486	-.28346	-.00153	-.00053	.00612	
303	2.23073	6.92062	.12130	-.00137	-.00047	.00563	
401	3.57431	6.71858	-.10358	-.00258	.00070	.00305	
402	3.57026	6.87954	-.27773	-.00152	.00047	.00516	
403	2.20854	5.73252	.14198	-.00128	.00059	.00511	
501	3.55757	6.61533	-.09740	-.00202	.00044	.00317	
502	3.56497	5.69838	-.19891	-.00068	-.00086	.00538	
503	3.56946	4.78427	-.25403	-.00114	.00052	.00509	
504	2.62073	6.13122	-.07417	.00105	.00099	.00487	
505	2.60492	5.28620	-.10957	.00169	-.00094	.00462	
506	2.13253	5.67103	.11595	-.00106	.00052	.00510	
507	3.60644	6.70897	-.07877	-.00201	.00044	.00315	
508	3.59560	4.84219	-.22376	-.00114	.00052	.00509	
509	1.49216	5.67718	.08354	-.00108	.00052	.00509	
510	3.53620	6.59613	-.09665	-.00509	.00114	.00292	
511	3.57274	4.75736	-.28436	-.00146	.00022	.00516	
512	2.12703	5.66562	.15077	-.00105	.00069	.00511	
513	3.62251	6.72845	-.07594	-.00082	-.00014	.00378	
514	3.63718	4.81721	-.17553	-.00092	.00156	.00479	
601	3.56078	6.54734	-.08765	-.00093	.00006	.00336	
603	3.56626	4.76775	-.21833	-.00035	.00049	.00498	
605	2.63915	5.61144	.07232	-.00076	.00039	.00505	
611	3.46166	6.54879	-.06713	-.00062	-.00029	.00406	
612	3.41255	5.44223	-.33629	.00565	-.00009	.00473	
613	3.42291	4.80930	-.20368	.00003	.00020	.00620	
621	3.56136	6.55914	-.08047	-.00036	-.00006	.00338	
622	3.53103	5.81655	-.22502	-.00125	-.00023	.00423	
623	3.56508	4.80739	-.16596	-.00001	.00048	.00495	
624	3.40220	6.29026	-.01496	.00041	.00037	.00491	
625	2.73000	5.14515	-.10539	.00059	-.00061	.00476	
626	1.45525	5.58813	.03105	-.00062	.00050	.00502	
631	3.56409	6.55678	-.07499	-.00018	.00000	.00333	
633	3.56352	4.55909	-.15456	-.00000	.00049	.00498	
635	1.47305	5.53043	-.00812	-.00000	.00024	.00499	
661	3.55567	6.55941	-.07294	-.00024	.00022	.00307	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 10

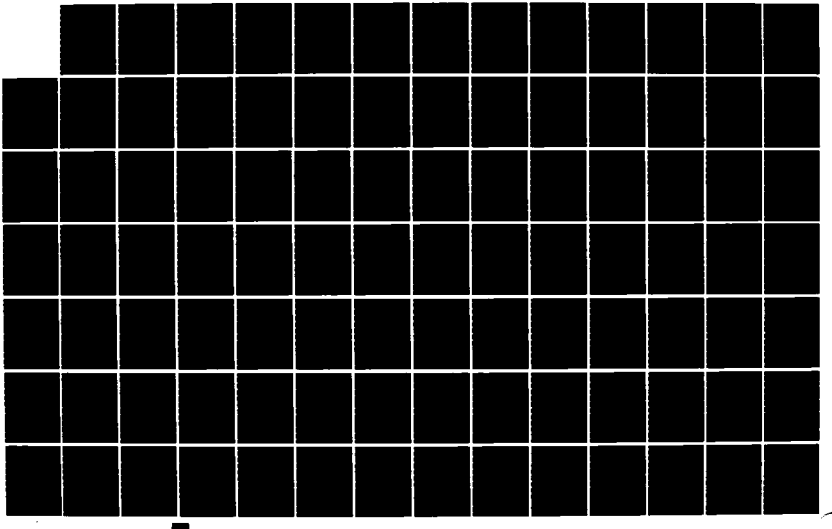
DATE 08/27/76

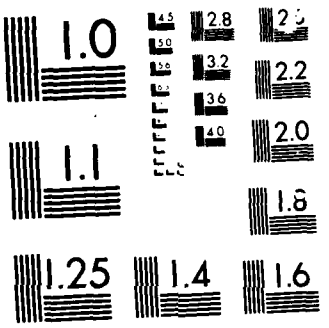
U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	3.87012	7.65970	-.33829	.00466	.00625	.00460	
603	3.90279	4.56141	-.19756	.00076	.00066	.00697	
701	3.92153	8.58072	-.06994	-.00022	.00011	.00312	
702	3.89536	5.51702	-.15029	.00006	-.00050	.00452	
703	3.90103	4.44104	-.11984	-.00025	.00051	.00507	
704	2.70083	6.03209	-.07757	.00024	-.00000	.00467	
705	2.89021	4.90464	-.11164	.00046	-.00017	.00494	
706	1.78902	5.48520	-.05469	-.00064	.00016	.00494	
707	3.88883	6.86244	-.06943	-.00022	.00011	.00312	
708	3.83804	4.36034	-.04773	-.00026	.00050	.00503	
709	1.84155	5.48749	-.07341	-.00064	.00016	.00494	
710	2.97824	5.45764	-.07429	-.00489	.00272	.00222	
711	3.72589	4.12418	-.34516	-.00132	-.00004	.00519	
712	1.81747	5.43587	.22227	-.00075	.00089	.00506	
801	3.90913	6.36752	-.04198	-.00171	.00049	.00238	
802	3.90012	5.[illegible]477	.00863	-.00140	.00025	.00477	
803	3.88530	3.79729	.17709	-.00215	.00095	.00495	
804	2.93113	5.70255	-.25554	-.00065	.00063	.00457	
805	2.91974	[illegible]	-.15626	-.00039	.00007	.00461	
806	1.90080	5.[illegible]736	-.35799	-.00184	.00071	.00503	
807	3.84959	[illegible]	-.04211	-.00171	.00099	.00240	
808	3.90419	[illegible]	.23454	-.00215	.00095	.00494	
809	1.85417	5.[illegible]752	-.34352	-.00184	.00072	.00498	
810	2.[illegible]	[illegible]	-.07065	-.00544	.00324	.00169	
811	3.84494	3.33762	-.35764	-.00190	.00139	.00467	
812	1.85526	4.95803	.25180	-.00208	.00078	.00494	
901	3.89203	[illegible]	-.06926	-.00252	.00151	.00203	
902	3.11515	4.19276	.15399	-.00200	.00051	.00500	
903	3.[illegible]	2.56175	.47646	-.00206	.00164	.00472	
[illegible]	[illegible]	[illegible]	-.37818	-.00148	.00154	.00448	
905	1.[illegible]	3.45463	-.12506	-.00091	.00054	.00497	
906	.88103	4.20147	-.66205	-.00270	.00148	.00445	
907	3.89408	5.74126	-.08844	-.00232	.00151	.00204	
[illegible]	3.[illegible]	2.45479	.55857	-.00267	.00164	.00467	
909	.85316	4.21894	-.74326	-.00270	.00149	.00443	
910	.87015	1.87173	-.00417	-.00475	.00271	.00157	
911	3.13448	2.50845	-.50351	-.00131	.00127	.00445	
912	.50496	4.06007	.22800	-.00178	.00050	.00465	
1001	2.70572	4.88502	-.05408	-.00245	.00105	.00198	
1002	2.89853	3.17865	.24039	-.00336	.00105	.00505	
1003	2.50729	1.34962	.68368	-.00252	.00195	.00395	
1004	1.82265	4.03097	-.46260	-.00284	.00266	.00497	
1005	1.19422	2.26592	-.01481	-.00168	.00121	.00478	
1006	-.24091	3.01073	-.89264	-.00350	.00205	.00391	
1007	2.74145	4.95048	-.04539	-.00244	.00104	.00191	
1008	2.[illegible]617	1.25335	.77457	-.00253	.00194	.00389	
1009	-.39745	3.01416	-.98371	-.00350	.00206	.00387	
1010	-.43065	-.10105	-.02481	.00042	-.00281	.00226	UNLIQUE
1010	.14569	.44346	-.04497	-.00293	.00121	.00176	GLOBAL

AD-A165 690 DESIGN CALCULATIONS 185' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 2/11

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 8 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
1011	.12118	-2.72312	.25881	.00660	.00060	.00359	OBLIQUE
1011	2.24926	1.46875	-.19212	-.00340	.00569	.00364	GLOBAL
1012	.13920	2.79692	-.33652	-.00709	.00065	.00342	OBLIQUE
1012	.13920	2.81414	.12844	-.00709	.00007	.00348	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	.07421	7.86802	-.21720	.00120	-.00015	-.00214	
102	.08052	7.72709	-.22006	.00102	.00007	.00111	
103	.08174	7.58496	-.20028	.00118	.00015	.00289	
104	-.05865	7.40712	-.10280	.00138	-.00022	.00145	
105	-.05991	7.64517	-.10840	.00120	.00021	.00052	
106	-.20010	7.72402	.14050	.00119	-.00032	.00106	
201	.08854	8.11132	-.21576	.00122	-.00004	-.00226	
202	.08130	7.94353	-.30764	.00043	.00006	.00111	
203	.07595	7.78579	-.19879	.00119	.00003	.00297	
204	-.08823	8.01856	-.14145	.00147	-.00060	.00137	
205	-.04740	7.86813	-.25493	.00066	-.00059	.00033	
206	-.15425	7.93919	.14177	.00148	-.00019	.00068	
301	.08504	8.19102	-.21203	-.00118	-.00016	-.00277	
303	.08303	7.86878	-.19720	-.00128	.00009	.00329	
306	-.11847	8.01706	.14944	-.00166	-.00040	.00078	
401	.13965	8.87143	-.20635	-.00205	.00036	-.00065	
403	.05852	8.61247	-.19219	-.00256	-.00038	.00192	
406	.05761	8.91804	.17173	-.00147	.00011	.00043	
501	.11991	8.73709	-.18943	-.00218	.00019	-.00056	
502	.09231	8.59177	-.18293	-.00094	.00006	.00070	
503	.08581	8.48554	-.17564	-.00101	-.00021	.00180	
506	.05412	8.61927	-.10099	.00155	.00135	.00056	
505	.01935	8.53844	-.07342	.00160	-.00109	-.00011	
506	.05407	8.54798	.14174	-.00123	.00018	.00043	
507	.11157	8.75559	-.18232	-.00218	.00019	-.00056	
508	.09383	8.44797	-.15523	-.00181	-.00021	.00180	
509	.06075	8.53510	.10495	-.00125	.00018	.00043	
510	.10825	8.71511	-.20872	-.00259	.00071	-.00072	
511	.07922	8.48251	-.19484	-.00258	-.00075	.00197	
512	.04104	8.54367	.18185	-.00118	.00009	.00041	
513	.11801	8.73159	-.12482	-.00149	-.00068	-.00003	
514	.08980	8.44165	-.13199	-.00091	.00062	.00126	
601	.11019	8.61888	-.18184	-.00118	-.00005	-.00038	
603	.08104	8.58202	-.13591	-.00071	.00004	.00160	
606	.01517	8.48028	.09259	-.00086	.00051	.00041	
611	.12540	8.61835	-.18860	-.00042	-.00020	-.00095	
612	.13774	7.96331	-.33102	.00036	-.00005	.00057	
613	.14926	8.36351	-.14125	.00012	.00017	.00211	
621	.11525	8.55056	-.13628	-.00067	-.00016	-.00034	
622	.10564	8.40034	-.17590	-.00069	.00016	.00004	
623	.08473	8.33819	-.13796	-.00017	.00016	.00154	
624	.10414	8.64760	-.08024	.00059	.00051	.00052	
625	-.12595	8.50359	-.08517	.00017	-.00108	.00068	
626	-.01443	8.43196	.04695	-.00069	.00036	.00039	
651	.12110	8.50798	-.11219	-.00051	-.00018	-.00035	
653	.10503	8.31774	-.12126	-.00006	.00017	.00156	
656	-.04571	8.36991	.00231	-.00067	.00032	.00054	
661	.12107	8.50901	-.10814	-.00017	-.00023	-.00161	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 11

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
802	.13037	5.48787	-.53105	.00520	-.00003	.00044	
803	.15499	5.31980	-.14065	.00021	.00020	.00278	
701	.12475	5.48163	-.08501	-.00052	-.00018	-.00048	
702	.10001	5.36805	-.14451	-.00001	-.00004	.00031	
703	.10572	5.26543	-.10042	-.00023	.00016	.00171	
704	.09077	5.40857	-.10297	.00034	.00019	.00022	
705	.11404	5.31112	-.08408	.00044	-.00008	.00065	
706	-.00503	5.55815	-.05020	-.00074	.00015	.00027	
707	.12202	5.45135	-.07028	-.00052	-.00018	-.00049	
708	.10752	5.24511	-.09269	-.00023	.00016	.00169	
709	-.07844	5.34000	-.07250	-.00074	.00015	.00030	
710	-.30677	5.65277	-.22452	-.00377	.00160	-.00111	
711	.54054	5.44959	-.23016	-.00344	-.00162	.00228	
712	.00536	5.26315	.26460	-.00007	.00003	.00030	
801	.10532	5.01746	.08115	-.00195	-.00009	-.00106	
802	.14041	5.80893	.03122	-.00153	.00007	.00050	
803	.11432	5.74449	.08907	-.00228	.00008	.00197	
804	.03350	5.91559	-.19596	-.00055	.00030	.00027	
805	.03705	5.80110	-.22092	-.00073	-.00048	.00043	
806	-.01096	5.53179	-.39204	-.00221	-.00029	.00040	
807	.15059	5.99981	.09275	-.00196	-.00008	-.00102	
808	.14532	5.70407	.12551	-.00228	.00008	.00196	
809	-.02503	5.84132	-.45842	-.00221	-.00029	.00037	
810	-.01273	4.21812	-.23062	-.00427	.00116	-.00141	
811	1.12570	4.24998	-.23465	-.00413	-.00079	.00229	
812	-.01155	5.71358	.24505	-.00251	-.00004	.00058	
901	.09801	4.99224	.25651	-.00247	-.00009	-.00101	
902	.11122	4.81255	.20955	-.00236	-.00004	.00069	
903	.12340	4.50521	.25995	-.00295	.00028	.00196	
904	.10505	4.48494	-.20903	-.00144	.00052	.00010	
905	-.00027	4.73508	-.20524	-.00157	-.00045	.00042	
906	.05116	4.74543	-.76083	-.00319	.00009	.00016	
907	.07897	4.98197	.30277	-.00297	-.00009	-.00100	
908	.13570	4.52869	.31067	-.00294	.00027	.00193	
909	.02842	4.81602	-.85573	-.00319	.00009	.00018	
910	-1.21769	2.50523	-.20572	-.00303	.00095	-.00117	
911	1.20552	2.40904	-.19202	-.00330	-.00069	.00203	
912	-.01200	4.63573	.25928	-.00211	-.00004	.00018	
1001	.20701	5.70455	.59207	-.00341	-.00042	-.00078	
1002	.12203	5.02756	.54353	-.00410	.00000	.00046	
1003	.03442	3.90128	.38359	-.00279	.00036	.00148	
1004	.00402	5.57905	-.30516	-.00281	.00113	.00053	
1005	-.02234	3.52847	-.22524	-.00253	-.00066	.00026	
1006	-.13726	3.43903	-1.01070	-.00371	.00055	.00026	
1007	.20104	3.70058	.45502	-.00341	-.00043	-.00079	
1008	.03082	3.57197	.43601	-.00279	.00036	.00149	
1009	-.14243	3.44300	-1.12430	-.00371	.00055	.00026	
1010	-.41201	-1.56005	.15716	.00048	-.00265	-.00035	OBLIQUE
1011	-1.15152	1.14124	-.12239	-.00409	-.00274	-.00071	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 11 DATE 08/27/76
U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.37635	-1.62296	.14457	.00418	.00184	.00110	OBLIQUE
1011	1.21421	1.13495	-.12435	-.00550	.00280	.00139	GLOBAL
1012	-.00604	3.19508	-.38470	-.00802	-.00002	.00016	OBLIQUE
1012	-.00604	3.21483	.14646	-.00802	-.00005	.00016	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 12

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	-3.30501	-7.30819	-.05659	-.00117	.00046	-.00112	
102	-3.30209	-6.90722	-.04674	-.00131	.00044	-.00440	
103	-3.30150	-5.90160	.04962	-.00106	.00046	-.00497	
104	-2.77544	-6.95421	-.25772	-.00103	.00035	-.00431	
105	-2.77465	-5.25400	-.16479	-.00093	.00069	-.00360	
106	-2.10933	-6.90950	-.29343	-.00092	.00071	-.00539	
201	-3.47350	-7.50903	-.05492	-.00114	.00035	-.00100	
202	-3.40207	-6.74807	-.08725	-.00108	.00041	-.00444	
203	-3.40237	-6.09123	.10108	-.00116	.00065	-.00501	
204	-2.70542	-7.14409	-.27755	-.00069	-.00014	-.00426	
205	-2.70503	-6.44153	-.31431	-.00133	-.00018	-.00347	
206	-2.20203	-6.79644	-.24177	-.00106	.00053	-.00545	
301	-3.54054	-7.00594	-.05101	.00060	.00053	-.00040	
303	-3.50304	-6.12752	.10753	.00155	.00053	-.00520	
305	-2.50741	-6.87244	-.28424	.00128	.00045	-.00546	
401	-3.50174	-6.61420	-.04962	.00253	-.00071	-.00260	
403	-3.55263	-4.93460	.12301	.00149	-.00036	-.00471	
405	-2.34435	-5.72709	-.26797	.00158	-.00062	-.00479	
501	-3.50304	-6.51320	-.05667	.00197	-.00046	-.00273	
502	-3.50257	-5.56113	-.02847	.00048	.00064	-.00492	
503	-3.50426	-4.83223	.04986	.00111	-.00041	-.00464	
504	-2.84004	-6.07209	-.14961	-.00092	-.00117	-.00438	
505	-2.87990	-5.27061	-.11784	-.00176	.00111	-.00413	
506	-2.27409	-5.65963	-.26102	.00119	-.00054	-.00477	
507	-3.00341	-6.59398	-.07417	.00197	-.00046	-.00271	
508	-3.03506	-4.71744	.07206	.00111	-.00041	-.00464	
509	-2.13371	-5.66675	-.22546	.00119	-.00054	-.00476	
510	-3.54203	-6.46312	-.05304	.00304	-.00113	-.00249	
511	-3.30357	-4.82032	.13507	.00145	-.00013	-.00472	
512	-2.20959	-5.65977	-.24341	.00111	-.00074	-.00479	
513	-3.01702	-6.51103	-.00213	.00068	.00026	-.00334	
514	-3.04008	-4.69571	.01922	.00095	-.00160	-.00432	
601	-3.50135	-6.44100	-.06709	.00094	-.00004	-.00292	
603	-3.50082	-4.73550	.06526	.00038	-.00048	-.00453	
605	-2.10329	-5.59429	-.21804	.00061	-.00040	-.00472	
611	-3.47091	-6.44245	-.12807	.00022	-.00005	-.00368	
612	-3.47406	-5.79573	-.14906	-.00540	.00010	-.00429	
613	-3.03428	-4.73795	.00803	.00019	.00022	-.00574	
621	-3.50151	-5.42750	-.07601	.00037	.00009	-.00295	
622	-3.50746	-5.79700	.01009	.00126	.00024	-.00360	
623	-3.55956	-4.67741	.02980	.00006	-.00046	-.00451	
624	-3.15803	-6.19267	-.19031	-.00036	-.00042	-.00469	
625	-2.83409	-5.20161	-.10564	-.00052	.00005	-.00433	
626	-2.10224	-5.54454	-.17490	.00004	-.00031	-.00468	
631	-3.50342	-6.44106	-.06373	.00019	.00002	-.00290	
633	-3.55674	-4.63037	-.00207	.00005	-.00048	-.00454	
635	-2.46395	-5.50937	-.14014	.00061	-.00026	-.00465	
661	-3.42536	-6.44130	-.12173	.00086	-.00053	-.00266	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 12 DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-3.44816	-7.54509	-.19905	-.00436	-.00024	-.00420	
603	-3.85245	-4.63191	.00233	-.00012	-.00037	-.00650	
701	-5.61818	-5.45986	-.06992	.00020	-.00010	-.00270	
702	-3.56757	-5.44273	-.07986	-.00015	.00029	-.00412	
703	-3.53516	-4.56101	-.04382	.00031	-.00048	-.00464	
704	-2.77641	-5.46123	-.14453	-.00015	-.00009	-.00423	
705	-2.76605	-5.00648	-.11401	-.00039	.00027	-.00451	
706	-1.94210	-5.46179	-.09455	.00008	-.00019	-.00461	
707	-3.53939	-4.55048	-.09054	.00020	-.00010	-.00270	
708	-3.52405	-4.44258	-.06047	.00031	-.00047	-.00460	
709	-1.80674	-5.46435	-.07405	.00003	-.00019	-.00461	
710	-2.90774	-5.53570	-.05845	.00402	-.00205	-.00101	
711	-3.71476	-4.19179	.21155	.00140	.00005	-.00477	
712	-1.74412	-5.41753	-.34800	.00077	-.00103	-.00475	
801	-5.44426	-4.21408	-.07403	.00173	-.00103	-.00199	
802	-5.40103	-5.05073	-.27309	.00126	-.00025	-.00436	
803	-5.40419	-3.87902	-.34205	.00210	-.00094	-.00453	
804	-2.51933	-5.61259	-.00429	.00074	-.00047	-.00414	
805	-2.44405	-4.46957	-.10732	.00049	.00004	-.00434	
806	-1.57255	-5.02691	.16251	.00190	-.00007	-.00471	
807	-3.52421	-4.27955	-.07312	.00174	-.00103	-.00201	
808	-5.53504	-3.77127	-.39845	.00210	-.00094	-.00453	
809	-1.45525	-5.03557	.23952	.00190	-.00068	-.00465	
810	-2.04016	-3.60756	-.05063	.00553	-.00317	-.00153	
811	-3.62701	-3.59940	.24019	.00198	-.00135	-.00448	
812	-1.14005	-4.95379	-.35979	.00209	-.00096	-.00465	
901	-3.63714	-5.50840	-.09923	.00230	-.00133	-.00169	
902	-3.60977	-4.10095	-.38095	.00192	-.00051	-.00455	
903	-3.13101	-2.67505	-.44079	.00203	-.00100	-.00435	
904	-1.43119	-4.42980	.15494	.00154	-.00140	-.00404	
905	-1.41875	-3.97089	-.10202	.00095	-.00050	-.00453	
906	-.85930	-4.10819	.50304	.00274	-.00149	-.00415	
907	-3.08931	-5.50101	-.09914	.00230	-.00133	-.00170	
908	-3.20426	-2.57742	-.72520	.00203	-.00100	-.00431	
909	-.74259	-4.10593	.50457	.00274	-.00149	-.00413	
910	-.91725	-1.80215	-.03510	.00406	-.00202	-.00125	
911	-3.12033	-2.41075	.21004	.00140	-.00119	-.00411	
912	-.54205	-4.05921	-.31480	.00180	-.00066	-.00395	
1001	-2.83552	-4.70922	-.11106	.00246	-.00110	-.00167	
1002	-2.85248	-3.14800	-.41045	.00348	-.00105	-.00459	
1003	-2.52545	-1.47985	-.85507	.00201	-.00200	-.00364	
1004	-1.51414	-3.91908	.31712	.00280	-.00257	-.00452	
1005	-1.29002	-2.55254	-.14207	.00166	-.00130	-.00453	
1006	.00477	-2.97306	.72259	.00363	-.00197	-.00363	
1007	-2.80544	-4.75515	-.12002	.00245	-.00110	-.00161	
1008	-2.57404	-1.59220	-.94642	.00202	-.00200	-.00359	
1009	.16555	-2.97546	.82165	.00363	-.00198	-.00359	
1010	.44414	.02483	-.03604	-.00018	.00276	-.00197	OBLIQUE
1011	-.19362	-.00095	-.03370	.00273	-.00137	-.00149	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 12

U.S. NAVY - ACAN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.13756	2.72042	-.33150	-.00665	-.00066	-.00329	OBLIQUE
1011	-2.30204	-1.98933	.12056	.00352	-.00588	-.00335	GLOBAL
1012	-.14536	-2.78621	.26807	.00704	-.00069	-.00317	OBLIQUE
1012	-.14536	-2.79233	-.19420	.00704	-.00016	-.00324	GLOBAL

SIMAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 13 DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	.00657	-7.57423	.02618	-.00119	-.00006	.00253	
102	.00644	-7.55801	-.05661	-.00152	-.00009	-.00022	
103	.07035	-7.55560	-.00242	-.00111	-.00006	-.00206	
104	.06595	-7.56652	-.22453	-.00105	-.00016	-.00056	
105	.06494	-7.54779	-.22015	-.00066	.00016	.00029	
106	.09902	-7.55942	-.50181	-.00091	.00031	-.00021	
201	.00656	-7.76118	.02706	-.00118	-.00012	.00264	
202	.07467	-7.75423	-.09506	-.00170	-.00013	-.00022	
203	.00125	-7.73976	-.00098	-.00128	.00012	-.00215	
204	.07933	-7.75036	-.23994	-.00089	-.00006	-.00049	
205	.00059	-7.75027	-.37205	-.00150	-.00075	.00047	
206	.05953	-7.74878	-.50004	-.00112	.00005	-.00014	
301	.07618	-7.84022	.03125	.00130	.00010	.00310	
303	.07545	-7.79522	.00654	.00152	-.00009	-.00242	
306	.04157	-7.80769	-.29854	.00176	.00033	.00006	
401	-.01505	-5.49211	.04502	.00202	-.00052	.00115	
403	.10800	-5.65998	.02269	.00243	.00054	-.00121	
406	-.11571	-5.57047	-.29947	.00169	-.00011	.00017	
501	.00205	-6.55510	.02698	.00215	-.00017	.00104	
502	.03800	-6.32540	-.00154	.00082	-.00013	-.00005	
503	.07542	-6.33444	.00745	.00169	.00037	-.00109	
504	-.00309	-6.29560	-.12380	-.00134	-.00152	.00010	
505	.01145	-6.33028	-.15426	-.00134	.00128	.00075	
506	-.10753	-6.28770	-.28884	.00145	-.00018	.00017	
507	.01813	-6.33883	-.00067	.00215	-.00017	.00105	
508	.00011	-6.31557	-.01096	.00189	.00037	-.00110	
509	-.11346	-6.29631	-.22545	.00145	-.00018	.00017	
510	.01213	-6.33435	.04767	.00203	-.00062	.00119	
511	.00851	-6.31139	.02821	.00266	.00088	-.00127	
512	-.10909	-6.28449	-.30869	.00137	-.00012	.00018	
513	.01515	-6.33499	-.04087	.00156	.00102	.00050	
514	.00222	-6.31292	-.03850	.00106	-.00060	-.00055	
601	.01274	-6.22779	-.00284	.00124	.00010	.00088	
603	.03545	-6.23012	-.01551	.00066	.00005	-.00091	
606	-.09108	-6.20620	-.21995	.00101	-.00030	.00018	
611	.04177	-6.22949	-.10076	.00067	-.00018	.00160	
612	.03272	-7.69708	-.26503	-.00005	.00005	.00005	
613	.02507	-6.23182	-.07795	.00019	.00029	-.00160	
621	.00454	-6.15061	-.03012	.00075	.00020	.00084	
622	.00300	-6.51964	-.05180	.00095	-.00016	.00053	
623	.04455	-6.16195	-.03198	.00053	-.00010	-.00087	
624	-.10508	-6.20480	-.15111	-.00048	-.00054	.00004	
625	.11054	-6.31515	-.12733	-.00001	.00110	-.00007	
626	-.00997	-6.14953	-.17527	.00079	-.00035	.00020	
631	.00203	-6.09693	-.05598	.00060	.00020	.00086	
633	.04980	-6.15622	-.04938	.00023	-.00012	-.00040	
636	-.04779	-6.10010	-.15196	.00074	-.00052	.00023	
651	.04195	-6.09560	-.10091	.00066	-.00009	.00229	

6.20

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	.02528	-6.53004	-.26562	-.00479	.00006	.00016	
603	.00801	-6.15787	-.07581	.00056	.00019	-.00228	
701	-.00461	-6.03907	-.00853	.00057	.00019	.00099	
702	.02253	-6.07134	-.10767	-.00001	.00002	.00025	
703	.04421	-6.12190	-.07059	.00057	-.00010	-.00106	
704	-.01305	-6.04314	-.12920	-.00015	-.00031	.00038	
705	-.00213	-6.07925	-.14279	-.00025	.00020	-.00008	
706	-.02942	-6.04160	-.08101	.00063	-.00018	.00029	
707	.01005	-6.01592	-.10010	.00057	.00019	.00099	
708	.03346	-6.09549	-.07879	.00037	-.00010	-.00104	
709	-.03571	-6.04477	-.05604	.00063	-.00018	.00027	
710	.30434	-5.29674	.08146	.00354	-.00140	.00155	
711	-.39479	-5.29449	.07488	.00353	.00161	-.00162	
712	-.00252	-5.99217	-.36365	.00093	-.00013	.00025	
801	-.02501	-5.55508	-.23605	.00197	.00006	.00155	
802	.00325	-5.55979	-.30196	.00142	-.00006	.00007	
803	.03334	-5.59141	-.25947	.00223	-.00005	-.00137	
804	-.04021	-5.52726	-.06334	.00068	-.00041	.00032	
805	-.02672	-5.56903	-.03408	.00088	.00059	.00012	
806	-.11052	-5.52329	.24634	.00226	.00033	.00013	
807	-.00394	-5.52489	-.26725	.00198	.00005	.00150	
808	.01333	-5.56665	-.29483	.00223	-.00005	-.00136	
809	-.11335	-5.55336	.31448	.00226	.00032	.00016	
810	.03035	-5.94176	.09871	.00393	-.00094	.00182	
811	-.00479	-3.90953	.09543	.00415	.00064	-.00170	
812	-.03526	-5.41672	-.37520	.00250	-.00010	.00012	
901	.03416	-4.50647	-.43277	.00290	.00010	.00144	
902	.03312	-4.50609	-.43942	.00224	.00004	-.00008	
903	.02748	-4.45562	-.42644	.00288	-.00020	-.00144	
904	-.02344	-4.46558	.04079	.00152	-.00056	.00047	
905	-.00034	-4.52053	.04120	.00147	.00053	.00020	
906	-.20450	-4.48976	.60302	.00320	-.00004	.00031	
907	.00248	-4.48451	-.47867	.00291	.00010	.00143	
908	.00205	-4.43345	-.47434	.00288	-.00020	-.00141	
909	-.21371	-4.50511	.69830	.00320	-.00004	.00029	
910	1.10104	-2.34065	.09248	.00354	-.00071	.00154	
911	-1.12502	-2.29803	.07573	.00333	.00069	-.00152	
912	-.02503	-4.34000	-.31270	.00220	-.00011	.00026	
1001	-.04935	-3.21242	-.56641	.00343	.00038	.00118	
1002	.02932	-3.34163	-.51957	.00421	.00002	.00015	
1003	.10492	-3.33861	-.54408	.00278	-.00030	-.00104	
1004	-.04829	-3.28505	.14966	.00276	-.00099	.00008	
1005	-.01327	-3.35071	.07063	.00251	.00057	.00035	
1006	-.00550	-3.15557	.44044	.00350	-.00049	.00015	
1007	-.03543	-3.14408	-.02901	.00343	.00038	.00119	
1008	.09452	-3.32108	-.59550	.00278	-.00030	-.00105	
1009	-.04242	-3.15890	.45368	.00350	-.00049	.00015	
1010	.30331	1.43040	-.20574	-.00415	.00209	.00072	OBLIQUE
1010	1.05909	-1.05479	.03230	.00376	.00262	.00105	GLOBAL

6.21

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
1011	-.37573	1.00494	-.20851	-.00379	-.00162	-.00068	OBLIQUE
1011	-1.07669	-1.05390	.03200	.00335	-.00244	-.00097	GLOBAL
1012	-.00660	-2.94549	.30716	.00750	-.00003	.00023	OBLIQUE
1012	-.00660	-2.95390	-.16153	.00750	-.00007	.00022	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	.02427	.07374	-.06217	-.00006	-.00009	-.00005	
102	.02501	.09508	-.15775	-.00021	.00000	-.00014	
103	.02736	.11919	-.08330	-.00003	.00006	-.00016	
104	.04511	.08592	-.15911	.00010	-.00018	-.00013	
105	.04513	.10828	-.15755	.00010	.00019	-.00011	
106	.06302	.09286	-.08558	.00007	.00001	-.00019	
201	.02760	.06960	-.06072	-.00006	-.00007	-.00004	
202	.02849	.09310	-.18610	-.00071	-.00002	-.00014	
203	.02501	.11519	-.08184	-.00012	.00009	-.00016	
204	.04546	.08179	-.18751	.00032	-.00001	-.00013	
205	.04649	.10446	-.30996	-.00039	-.00065	-.00011	
206	.06592	.09429	-.08367	.00013	-.00005	-.00020	
301	.02700	.06715	-.07707	-.00001	.00001	-.00002	
303	.02539	.11137	-.07756	-.00001	-.00001	-.00016	
306	.06901	.09046	-.07925	-.00010	-.00001	-.00020	
401	.01635	.03421	-.06866	-.00025	.00011	.00006	
403	.01567	.07269	-.06758	-.00021	.00006	-.00018	
406	.03540	.04673	-.06712	-.00007	.00015	-.00024	
501	.00515	.02601	-.06679	-.00022	.00010	.00007	
502	.00501	.04420	-.06652	-.00020	-.00003	-.00012	
503	.01217	.06355	-.06634	-.00019	.00007	-.00018	
504	.02615	.03404	-.04835	-.00001	.00007	-.00014	
505	.02609	.05550	-.04237	.00009	.00003	-.00008	
506	.04401	.04302	-.07028	-.00007	.00014	-.00024	
507	.00556	.02477	-.06794	-.00023	.00010	.00007	
508	.00497	.06436	-.06175	-.00019	.00007	-.00019	
509	.03707	.04331	-.07257	-.00007	.00014	-.00025	
510	.00551	.02491	-.06731	-.00030	.00015	.00007	
511	.01550	.06253	-.06531	-.00023	.00003	-.00018	
512	.04552	.04260	-.06843	-.00008	.00019	-.00024	
513	.00559	.02807	-.06969	-.00016	.00013	.00007	
514	.00468	.06920	-.06325	-.00012	.00002	-.00018	
601	-.00078	.01402	-.06917	-.00015	.00008	.00007	
603	.00534	.05456	-.06522	-.00012	.00006	-.00018	
606	.04407	.03770	-.07214	-.00006	.00009	-.00025	
611	-.00260	.01345	-.07707	-.00003	-.00008	-.00009	
612	-.00232	.03175	-.18866	-.00004	.00004	-.00012	
613	-.00199	.05428	-.07551	.00001	.00018	-.00007	
621	-.00500	.00551	-.06949	-.00011	.00007	.00008	
622	.00525	.01469	-.07549	-.00008	.00002	-.00013	
623	.00104	.04291	-.06424	-.00009	.00006	-.00019	
624	-.00106	.01579	-.06287	-.00010	.00010	-.00012	
625	.01421	.03209	-.08772	.00005	.00006	-.00011	
626	.04210	.05102	-.07402	-.00008	.00006	-.00025	
631	-.00424	-.00110	-.06974	-.00009	.00005	.00009	
633	-.00411	.04505	-.06343	-.00006	.00005	-.00019	
636	.04116	.02593	-.07509	-.00008	.00005	-.00025	
901	-.00433	-.00103	-.07853	.00014	-.00004	-.00006	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ALMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.01006	.02675	-.10865	-.00002	.00004	-.00013	
603	-.01004	.04571	-.07551	.00017	.00013	-.00006	
701	-.01259	-.00718	-.06948	-.00008	.00004	.00009	
702	-.01123	.01451	-.05641	.00000	.00001	-.00012	
703	-.00901	.04345	-.06255	-.00005	.00004	-.00020	
704	.01259	.00484	-.06545	-.00005	.00008	-.00013	
705	.01208	.03286	-.05957	-.00005	-.00002	-.00011	
706	.00075	.01954	-.07789	-.00007	.00005	-.00025	
707	-.01049	-.00431	-.06992	-.00008	.00005	.00010	
708	-.01253	.04507	-.06068	-.00005	.00004	-.00020	
709	.00959	.01962	-.06013	-.00007	.00005	-.00025	
710	-.00946	-.00784	-.06047	-.00020	.00012	.00008	
711	.01041	.00016	-.05468	-.00015	-.00006	-.00018	
712	-.00926	.01673	-.06480	-.00003	.00017	-.00024	
801	-.02305	-.02948	-.07239	-.00008	.00006	.00009	
802	-.02420	.00511	-.05596	-.00004	.00001	-.00014	
803	-.02237	.04420	-.06321	-.00001	.00001	-.00019	
804	.00705	-.01249	-.07052	-.00004	.00004	-.00013	
805	.00702	.02405	-.06173	-.00003	.00002	-.00014	
806	.03775	.00480	-.08306	-.00005	.00003	-.00025	
807	-.02215	-.02479	-.07272	-.00008	.00006	.00009	
808	-.02508	.04916	-.06292	-.00001	.00001	-.00019	
809	.00549	.00499	-.08452	-.00005	.00003	-.00025	
810	-.00575	-.04617	-.05293	.00001	-.00001	.00010	
811	.02031	-.02401	-.04688	-.00006	.00000	-.00018	
812	-.02430	.00055	-.05536	-.00004	.00006	-.00025	
901	-.03949	-.05449	-.07356	-.00006	.00005	.00008	
902	-.03674	-.00986	-.05443	-.00006	.00001	-.00016	
903	-.03447	.04125	-.06384	-.00003	-.00001	-.00018	
904	.02267	-.03287	-.06405	-.00005	.00006	-.00013	
905	.00419	.01559	-.04582	-.00004	.00002	-.00018	
906	.00470	-.01014	-.06067	-.00005	.00003	-.00022	
907	-.03716	-.05212	-.07596	-.00006	.00005	.00008	
908	-.03714	.04619	-.06359	-.00003	-.00001	-.00018	
909	.03135	-.01005	-.06853	-.00005	.00003	-.00022	
910	-.04542	-.05549	-.04348	.00012	-.00006	.00011	
911	.01758	-.02245	-.05653	-.00000	.00003	-.00019	
912	-.02252	-.01671	-.04902	-.00005	-.00001	-.00022	
1001	-.04433	-.07384	-.07544	-.00005	.00001	.00005	
1002	-.04441	-.02102	-.06857	.00016	-.00002	-.00016	
1003	-.04512	.03924	-.06351	-.00005	.00003	-.00015	
1004	-.00127	-.04753	-.06149	.00009	-.00011	-.00013	
1005	.00275	.01041	-.07650	.00002	-.00006	-.00019	
1006	.04499	-.01469	-.06769	.00001	.00000	-.00018	
1007	-.04373	-.07224	-.07280	-.00005	.00001	.00005	
1008	-.04309	.04349	-.06219	-.00005	.00003	-.00015	
1009	.03345	-.01447	-.06723	.00001	.00000	-.00018	
1010	.01536	-.01570	-.05155	.00005	.00011	.00006	OBLIQUE
1010	-.01540	-.01008	-.05557	.00008	-.00009	.00007	GLOBAL

424

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 14

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - WLH 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.00569	.00671	-.02837	-.00001	-.00004	-.00015	OBLIQUE
1011	-.00693	-.01057	-.02688	.00001	.00000	-.00015	GLOBAL
1012	-.00557	-.02838	-.03505	.00004	-.00004	-.00018	OBLIQUE
1012	-.00557	-.02213	-.03903	.00008	-.00001	-.00018	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 15 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	-.00152	.11892	-.08050	-.00006	-.00010	.00009	
102	.00004	.11160	-.15726	-.00022	-.00001	.00004	
103	.00159	.10795	-.08415	-.00004	.00006	-.00005	
104	-.00547	.11479	-.15843	.00009	-.00019	.00003	
105	-.00543	.10846	-.15825	.00010	.00019	.00006	
106	-.01102	.10940	-.08589	.00006	.00000	.00000	
201	.00330	.11454	-.07904	-.00006	-.00008	.00009	
202	.00255	.10922	-.18567	-.00071	-.00003	.00004	
203	.00175	.10203	-.08209	-.00012	.00005	-.00005	
204	-.00255	.11218	-.18569	.00052	-.00002	.00003	
205	-.00255	.10630	-.31071	-.00059	-.00006	.00006	
206	-.00752	.11038	-.08055	.00013	-.00006	.00000	
301	.00470	.11052	-.07537	-.00003	.00000	.00010	
303	.00270	.09967	-.07821	.00001	-.00001	-.00007	
305	-.00325	.10590	-.07975	-.00011	-.00001	.00000	
401	-.00305	.07060	-.06717	-.00026	.00004	.00015	
403	-.00067	.06528	-.05446	-.00026	-.00003	-.00014	
405	.00020	.05446	-.06959	-.00009	-.00000	-.00002	
501	-.00427	.05810	-.06662	-.00024	.00003	.00015	
502	-.00255	.05172	-.06512	-.00022	-.00001	.00002	
503	-.00046	.05090	-.06775	-.00023	-.00002	-.00014	
504	-.00547	.05203	-.09538	.00003	.00003	-.00003	
505	-.00272	.05178	-.09614	.00004	-.00004	.00003	
506	.00057	.04967	-.07097	-.00009	-.00000	-.00002	
507	-.00202	.06350	-.06305	-.00024	.00003	.00015	
508	-.00249	.05503	-.06469	-.00023	-.00002	-.00014	
509	.00110	.05007	-.07364	-.00009	-.00000	-.00002	
510	-.00595	.05635	-.06541	-.00031	.00008	.00015	
511	.00120	.04919	-.06655	-.00031	-.00007	-.00014	
512	.00054	.04926	-.06904	-.00010	-.00000	-.00002	
513	-.00161	.06270	-.06516	-.00017	.00006	.00015	
514	-.00295	.05523	-.06654	-.00016	-.00006	-.00014	
601	-.00520	.04527	-.06613	-.00016	.00002	.00015	
603	-.00038	.03651	-.06756	-.00015	-.00001	-.00014	
606	.00124	.04303	-.07502	-.00010	-.00001	-.00002	
611	-.00275	.04519	-.07405	-.00004	-.00015	-.00003	
612	-.00255	.04241	-.16727	-.00005	-.00000	.00002	
613	-.00234	.03845	-.07641	-.00002	.00015	.00004	
621	-.00529	.03671	-.06505	-.00012	.00001	.00016	
622	.00337	.01442	-.07050	-.00015	.00001	-.00002	
623	-.00074	.03076	-.06705	-.00011	-.00000	-.00015	
624	-.01255	.03852	-.07696	-.00009	.00007	-.00001	
625	.00491	.02163	-.06990	.00001	-.00002	.00001	
626	.00210	.03603	-.07505	-.00010	-.00001	-.00002	
651	-.00461	.03002	-.06521	-.00009	-.00000	.00016	
653	-.01170	.02572	-.06984	-.00008	.00000	-.00016	
655	.00207	.02921	-.07701	-.00004	-.00001	-.00002	
661	-.00202	.03068	-.07343	.00014	-.00009	-.00003	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 15 DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.00293	.03508	-.10725	-.00003	.00000	.00002	
603	-.00305	.02578	-.07509	.00015	.00009	.00004	
701	-.00341	.02514	-.06465	-.00008	.00000	.00016	
702	-.00321	.02182	-.05570	-.00001	-.00001	.00001	
703	-.00304	.02169	-.06659	-.00007	-.00000	-.00017	
704	-.00204	.02184	-.06291	-.00005	.00006	-.00002	
705	-.00202	.02281	-.06296	-.00004	-.00006	-.00000	
706	.00325	.02197	-.07913	-.00008	.00000	-.00002	
707	-.00063	.02967	-.06342	-.00009	.00000	.00017	
708	-.00303	.02627	-.06558	-.00007	-.00000	-.00017	
709	.00379	.02207	-.05164	-.00004	.00000	-.00002	
710	-.03925	-.03474	-.05670	-.00021	.00010	.00015	
711	.03364	-.03972	-.05756	-.00020	-.00011	-.00015	
712	.00102	.01908	-.06569	-.00003	.00000	-.00002	
801	-.00404	.00806	-.08816	-.00007	.00004	.00016	
802	-.00401	.00566	-.05401	-.00005	-.00001	-.00002	
803	-.00337	.01250	-.06774	-.00004	-.00002	-.00016	
804	-.00215	.00607	-.06677	-.00004	.00002	.00001	
805	-.00113	.00490	-.06832	-.00004	-.00001	-.00002	
806	-.00009	.00569	-.08449	-.00005	-.00001	-.00003	
807	-.00215	.01062	-.06549	-.00007	.00004	.00016	
808	-.00577	.01602	-.06791	-.00004	-.00002	-.00016	
809	.00041	.00687	-.08504	-.00005	-.00001	-.00003	
810	-.04906	-.00487	-.04805	-.00003	-.00001	.00017	
811	.04865	-.00699	-.04997	-.00003	.00000	-.00016	
812	.00167	.00231	-.05930	-.00005	.00001	-.00002	
901	-.00500	-.01332	-.06659	-.00005	.00002	.00014	
902	-.00446	-.01131	-.03431	-.00008	-.00000	-.00002	
903	-.00332	-.00954	-.06467	-.00005	-.00003	-.00015	
904	.00077	-.01345	-.06047	-.00005	.00002	.00000	
905	.00251	-.00641	-.06208	-.00005	-.00003	-.00006	
906	.00367	-.01160	-.08845	-.00006	-.00001	-.00001	
907	-.00335	-.00951	-.06639	-.00005	.00002	.00013	
908	-.00500	.00564	-.06461	-.00005	-.00003	-.00015	
909	.00920	-.01148	-.09034	-.00006	-.00001	-.00001	
910	-.02959	-.04525	-.03575	.00006	-.00006	.00016	
911	.02551	-.04573	-.03990	.00007	.00005	-.00017	
912	.00098	-.01826	-.05104	-.00006	.00000	-.00001	
1001	-.00495	-.02769	-.06615	-.00006	-.00000	.00010	
1002	-.00419	-.02479	-.06637	.00017	-.00000	-.00003	
1003	-.00500	-.01154	-.06855	-.00005	-.00000	-.00011	
1004	.00172	-.02534	-.07962	.00006	-.00002	.00001	
1005	.00505	-.01720	-.07973	.00007	.00002	-.00006	
1006	.01002	-.01712	-.08958	.00002	.00000	-.00001	
1007	-.00353	-.02460	-.06519	-.00006	-.00000	.00010	
1008	-.00523	-.00828	-.06775	-.00005	-.00000	-.00011	
1009	.01139	-.01508	-.08902	.00002	.00000	-.00001	
1010	.01205	-.00160	-.02904	.00002	.00008	.00011	OBLIQUE
1011	-.00559	-.01255	-.02695	.00005	-.00005	.00012	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 15 DATE 05/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.01259	-.00262	-.03009	.00002	-.00008	-.00012	OBLIQUE
1011	.00425	-.01209	-.03011	.00004	.00005	-.00013	GLOBAL
1012	.00022	-.03102	-.03636	.00009	.00000	-.00001	OBLIQUE
1012	.00022	-.02402	-.04097	.00009	.00000	-.00001	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 16

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - PL# 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	-.02810	-.08246	-.08027	-.00004	-.00011	.00001	
102	-.02647	-.10673	-.15918	-.00020	-.00002	.00015	
103	-.02484	-.12851	-.08865	-.00002	.00004	.00014	
104	-.04572	-.09503	-.15626	.00011	-.00020	.00015	
105	-.04074	-.11848	-.15818	.00012	.00017	.00013	
106	-.03776	-.10949	-.08145	.00009	-.00000	.00016	
201	-.02120	-.06321	-.07881	-.00003	-.00010	.00000	
202	-.02194	-.10591	-.18852	-.00008	-.00004	.00015	
203	-.02269	-.12906	-.08718	-.00010	.00008	.00014	
204	-.04222	-.09419	-.18430	.00035	-.00064	.00015	
205	-.04225	-.11708	-.31058	-.00036	-.00067	.00013	
206	-.03284	-.10494	-.07945	.00014	-.00007	.00016	
301	-.01960	-.06196	-.07511	.00001	.00004	-.00003	
303	-.02036	-.12444	-.08202	.00011	-.00003	.00015	
306	-.05817	-.10107	-.07538	.00002	.00000	.00016	
401	-.02767	-.08478	-.06599	.00025	-.00015	-.00015	
403	-.01650	-.06277	-.07276	.00021	.00002	.00015	
406	-.04774	-.08052	-.06556	.00019	-.00018	.00016	
501	-.02022	-.03841	-.06734	.00022	-.00014	-.00015	
502	-.01838	-.04635	-.04973	.00009	.00000	.00006	
503	-.01564	-.05302	-.07414	.00019	.00001	.00015	
504	-.02677	-.04171	-.06471	.00007	-.00020	.00009	
505	-.02753	-.05243	-.04259	-.00000	.00009	.00002	
506	-.04104	-.05718	-.06394	.00018	-.00013	.00016	
507	-.02335	-.04350	-.06694	.00022	-.00014	-.00016	
508	-.01431	-.05701	-.07676	.00019	.00001	.00015	
509	-.04746	-.05156	-.05849	.00018	-.00013	.00017	
510	-.01940	-.03606	-.06503	.00021	-.00018	-.00015	
511	-.01691	-.05165	-.07216	.00024	.00003	.00015	
512	-.04049	-.05005	-.06514	.00017	-.00018	.00016	
513	-.02295	-.04318	-.06934	.00022	-.00006	-.00015	
514	-.01402	-.05757	-.07943	.00021	-.00005	.00015	
601	-.01239	-.02508	-.06820	.00018	-.00010	-.00016	
603	-.01553	-.04159	-.07610	.00017	-.00002	.00015	
606	-.03590	-.03639	-.06222	.00014	-.00010	.00017	
611	-.01456	-.02597	-.09306	.00016	-.00019	.00002	
612	-.01302	-.03779	-.21043	.00016	-.00004	.00005	
613	-.01209	-.04158	-.10199	.00017	.00010	.00000	
621	-.00726	-.01605	-.06493	.00013	-.00007	-.00017	
622	-.00549	-.00908	-.06858	.00011	.00002	.00005	
623	-.01270	-.03204	-.07792	.00014	-.00004	.00015	
624	-.00457	-.00466	-.07870	.00009	-.00016	.00003	
625	-.02946	-.03545	-.07164	.00003	-.00006	.00004	
626	-.03192	-.02921	-.06067	.00011	-.00007	.00017	
651	-.00369	-.01002	-.06964	.00011	-.00005	-.00017	
653	-.00595	-.02475	-.07403	.00011	-.00004	.00016	
656	-.02931	-.02202	-.05979	.00009	-.00006	.00017	
661	-.00685	-.00995	-.04194	.00038	-.00013	-.00000	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 16 DATE 08/27/79

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 8 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.00675	-.01324	-.21040	.00019	-.00004	.00005	
603	-.00662	-.02469	-.10227	.00039	.00004	-.00000	
701	-.00165	-.00450	-.07059	.00009	-.00004	-.00018	
702	-.00200	-.01293	-.06872	.00011	-.00002	.00003	
703	-.00421	-.01871	-.06155	.00005	-.00004	.00016	
704	-.01118	-.00693	-.05555	.00002	-.00000	.00007	
705	-.01106	-.01901	-.06016	.00001	-.00006	.00003	
706	-.02704	-.01556	-.05879	.00007	-.00005	.00016	
707	-.00425	-.00945	-.07068	.00009	-.00004	-.00019	
708	-.00173	-.02350	-.06375	.00008	-.00004	.00017	
709	-.03224	-.01572	-.05677	.00007	-.00005	.00017	
710	-.03352	.00044	-.05457	.00023	-.00012	-.00016	
711	-.02254	.01809	-.06055	.00016	.00005	.00015	
712	.01304	-.01552	-.05217	.00003	-.00015	.00015	
801	.00416	.01208	-.07319	.00007	-.00002	-.00018	
802	.00522	.00059	-.07040	.00006	-.00003	.00004	
803	.00591	-.01179	-.06511	.00006	-.00001	.00014	
804	-.00416	.00595	-.05414	.00005	-.00003	.00005	
805	-.00510	-.00549	-.06340	.00005	-.00003	.00004	
806	-.01555	-.00235	-.06032	.00002	-.00006	.00015	
807	.00135	.00714	-.07578	.00007	-.00002	-.00018	
808	.00650	-.01501	-.06643	.00006	-.00001	.00015	
809	-.02039	-.00253	-.05979	.00002	-.00006	.00015	
810	.04501	.00122	-.05262	.00002	-.00000	-.00019	
811	-.02131	.04375	-.06144	.00004	-.00002	.00015	
812	.03447	-.00523	-.04430	.00004	-.00004	.00015	
901	.01176	.02663	-.07465	.00007	-.00003	-.00015	
902	.01515	.01751	-.06609	.00009	-.00002	.00000	
903	.01548	.00759	-.06804	.00007	-.00002	.00015	
904	.00544	.02157	-.05549	.00005	-.00004	.00003	
905	.00359	.01019	-.04558	.00005	-.00002	.00005	
906	-.00730	.01223	-.06116	.00001	-.00003	.00012	
907	.00421	.02255	-.07521	.00007	-.00003	-.00015	
908	.01518	.00554	-.06978	.00007	-.00002	.00014	
909	-.01103	.01212	-.06060	.00001	-.00003	.00012	
910	.02589	.00234	-.04317	-.00009	.00006	-.00018	
911	.00254	.04010	-.05203	-.00001	-.00007	.00015	
912	.02553	.00757	-.03809	.00004	.00003	.00013	
1001	.02045	.03602	-.07505	.00003	-.00003	-.00012	
1002	.01935	.02413	-.06247	-.00010	.00002	.00000	
1003	.01005	.01110	-.06463	-.00001	.00002	.00012	
1004	.01242	.03200	-.06720	-.00009	.00014	.00004	
1005	.00933	.01417	-.07655	-.00006	-.00002	.00006	
1006	-.00239	.02145	-.06078	.00005	-.00004	.00009	
1007	.01801	.03359	-.07405	.00003	-.00003	-.00012	
1008	.01700	.00742	-.06822	-.00001	.00002	.00012	
1009	-.00544	.02169	-.05952	.00005	-.00004	.00009	
1010	-.01501	-.01208	-.03106	.00005	-.00010	-.00012	OBLIQUE
1011	.00132	.01727	-.05334	-.00006	.00006	-.00014	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 16 DATE 08/27/76

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW= 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.00790	-.03316	-.03705	.00010	.00005	.00011	OBLIQUE
1011	.01907	.02019	-.04260	-.00008	.00007	.00012	GLOBAL
1012	.00813	.01070	-.02690	-.00002	.00004	.00009	OBLIQUE
1012	.00813	.01494	-.02477	-.00002	.00002	.00010	GLOBAL

LOAD CONDITION NO. 17

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	.00843	-.11277	-.08203	-.00004	-.00010	-.00006	
102	.01005	-.12170	-.15979	-.00019	-.00001	.00005	
103	.01168	-.12815	-.08797	-.00001	.00005	.00011	
104	.00307	-.11709	-.15687	.00012	-.00019	.00007	
105	.00303	-.12578	-.15744	.00013	.00018	.00003	
106	-.00406	-.12348	-.08070	.00009	.00001	.00004	
201	.01409	-.11238	-.08057	-.00003	-.00009	-.00006	
202	.01523	-.12027	-.16887	-.00008	-.00004	.00005	
203	.01256	-.12869	-.08650	-.00010	.00009	.00011	
204	.00506	-.11615	-.16464	.00035	-.00063	.00007	
205	.00602	-.12445	-.30979	-.00036	-.00007	.00004	
206	-.00102	-.11927	-.07918	.00014	-.00006	.00004	
301	.01435	-.10994	-.07690	.00004	.00005	-.00008	
303	.01419	-.12412	-.08194	.00010	-.00004	.00012	
306	.00180	-.11453	-.07405	.00003	.00000	.00003	
401	-.00340	-.00623	-.00857	.00026	-.00009	-.00017	
403	.01214	-.06308	-.07205	.00027	.00011	.00017	
406	-.00384	-.06578	-.00486	.00021	.00001	.00002	
501	.00030	-.05443	-.09961	.00023	-.00008	-.00018	
502	.00308	-.05160	-.10126	.00012	-.00002	-.00001	
503	.00711	-.05118	-.07290	.00024	.00010	.00017	
504	.00205	-.05106	-.08753	.00005	-.00016	.00005	
505	.00188	-.05302	-.08482	.00005	.00016	-.00001	
506	-.00428	-.05457	-.06307	.00020	.00000	.00002	
507	-.00282	-.06023	-.07113	.00023	-.00008	-.00018	
508	.01024	-.05678	-.07401	.00024	.00010	.00017	
509	-.00475	-.05506	-.05699	.00020	.00000	.00002	
510	.00142	-.05234	-.06781	.00031	-.00011	-.00018	
511	.00545	-.04903	-.07112	.00032	.00013	.00017	
512	-.00426	-.05526	-.06229	.00019	.00000	.00002	
513	-.00267	-.05994	-.07405	.00024	.00001	-.00018	
514	.01012	-.05640	-.07620	.00024	.00003	.00017	
601	.00340	-.04127	-.07135	.00019	-.00004	-.00018	
603	.00268	-.03696	-.07411	.00020	.00005	.00017	
606	-.00469	-.04145	-.06112	.00016	.00000	.00001	
611	.00149	-.04136	-.09787	.00017	-.00014	.00004	
612	.00255	-.04639	-.21207	.00017	-.00000	-.00001	
613	.00362	-.03704	-.10095	.00017	.00015	-.00005	
621	.00420	-.03159	-.07291	.00014	-.00001	-.00019	
622	.01033	-.00892	-.08812	.00016	.00003	.00001	
623	.00097	-.02585	-.07523	.00016	.00002	.00018	
624	.00343	-.02068	-.08408	.00008	-.00013	.00001	
625	-.01334	-.02997	-.06965	.00006	.00001	-.00001	
626	-.00480	-.03113	-.05962	.00013	-.00000	.00001	
631	.00367	-.02409	-.07441	.00012	-.00000	-.00019	
633	.00094	-.01749	-.07632	.00013	.00001	.00018	
636	-.00465	-.02298	-.05442	.00010	-.00001	.00001	
661	.00177	-.02403	-.09723	.00039	-.00008	.00003	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 17

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
602	.00207	-.02035	-.21204	.00020	.00000	-.00002	
603	.00236	-.01742	-.10018	.00041	.00008	-.00004	
701	.00239	-.01701	-.07595	.00010	-.00000	-.00020	
702	.00211	-.01377	-.07262	.00011	-.00001	-.00002	
703	.00185	-.01043	-.07735	.00010	.00000	.00019	
704	.00242	-.01442	-.05748	.00003	.00000	.00003	
705	.00184	-.01439	-.05471	.00003	-.00001	-.00001	
706	-.00416	-.01559	-.05732	.00008	-.00001	.00001	
707	-.00077	-.02322	-.07749	.00010	-.00000	-.00020	
708	.00493	-.01592	-.07879	.00010	.00000	.00020	
709	-.00441	-.01577	-.05500	.00008	-.00001	.00001	
710	.05334	.04127	-.06323	.00022	-.00009	-.00018	
711	-.02915	.04702	-.06607	.00022	.00011	.00017	
712	-.00521	-.01626	-.05080	.00003	-.00000	.00001	
801	-.00003	.00148	-.07994	.00007	.00000	-.00021	
802	.00038	.00259	-.07256	.00007	-.00001	.00000	
803	.00077	.00337	-.06025	.00008	.00002	.00017	
804	.00221	.00087	-.05684	.00005	-.00001	.00000	
805	.00109	.00224	-.05845	.00004	-.00000	-.00002	
806	.00367	-.00094	-.05858	.00002	-.00003	.00001	
807	-.00313	-.00418	-.08115	.00007	.00000	-.00020	
808	.00355	-.00157	-.08111	.00008	.00002	.00018	
809	.00317	-.00113	-.05799	.00002	-.00003	.00001	
810	.03706	.07406	-.05643	.00004	.00001	-.00021	
811	-.03008	.07948	-.05454	.00003	-.00001	.00019	
812	-.00436	-.00576	-.04292	.00004	-.00001	.00001	
901	-.00214	.01468	-.08235	.00008	-.00001	-.00018	
902	-.00149	.02103	-.07012	.00010	.00000	-.00002	
903	-.00005	.02051	-.06234	.00008	.00000	.00017	
904	.00053	.01625	-.05961	.00004	-.00001	-.00003	
905	.00240	.02198	-.05934	.00006	.00001	-.00001	
906	.00008	.01483	-.05949	.00001	-.00000	-.00000	
907	-.00498	.00977	-.08333	.00007	-.00001	-.00018	
908	.00102	.02106	-.06347	.00008	.00000	.00016	
909	.00819	.01472	-.05906	.00001	-.00000	-.00000	
910	.01470	.05622	-.04779	-.00006	.00007	-.00020	
911	-.01349	.06020	-.04940	-.00006	-.00008	.00019	
912	-.00231	.01025	-.03274	.00004	-.00001	-.00000	
1001	.00020	.02144	-.08292	.00001	-.00002	-.00014	
1002	-.00234	.03390	-.08299	-.00018	-.00000	-.00002	
1003	-.00501	.03402	-.08276	.00001	.00002	.00013	
1004	.00502	.02622	-.07152	-.00009	.00010	-.00004	
1005	.00101	.03205	-.07161	-.00009	-.00010	-.00001	
1006	.00914	.02476	-.05906	.00006	-.00000	-.00000	
1007	-.00185	.01755	-.08260	.00001	-.00002	-.00014	
1008	-.00317	.03109	-.08224	.00001	.00002	.00013	
1009	.00926	.02422	-.05735	.00006	-.00000	-.00000	
1010	-.01316	-.02351	-.03429	.00007	-.00009	-.00014	UNIQUE
1010	-.00870	.02023	-.03771	-.00009	-.00003	-.00016	GLOBAL

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.01381	-.02594	-.03511	.00008	.00009	.00013	OBLIQUE
1011	.01024	.02187	-.03890	-.00010	.00004	.00014	GLOBAL
1012	-.00048	.01415	-.02624	-.00003	-.00000	-.00000	OBLIQUE
1012	-.00046	.01827	-.02355	-.00003	-.00000	-.00000	GLOBAL

6.5 Reactions

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 10

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	16.0198	25.0162	201.2356	1375.4619	13643.7280	-2501.1130	OBLIQUE
1010	-16.3080	-11.3879	202.6081	11319.9404	-8130.6844	-222.9271	GLOBAL
1011	-1.2708	473.9585	-1020.3868	54510.6999	-5161.4653	-3979.0110	OBLIQUE
1011	-663.3695	-384.8505	-1717.6371	-25142.2629	48426.8445	-4444.8166	GLOBAL
1012	-2.4215	-451.0922	2367.0032	-55350.2609	-2850.6550	-3793.5376	OBLIQUE
1012	-2.4215	-834.5457	2260.4494	-55350.2609	-2187.3616	-4211.0107	GLOBAL
TOTAL	-682.0990	-1230.7841	745.4403	-69172.6034	38110.7986	-8878.7544	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 11

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	4.0527	313.1905	-964.7374	33764.7676	8564.3529	382.6109	OBLIQUE
1010	400.0274	-242.3452	-900.0835	-9655.2691	-33429.4066	1786.0655	GLOBAL
1011	-10.0160	316.2178	-1016.0493	35020.3142	-9224.2872	-1220.3597	OBLIQUE
1011	-404.0514	-246.4328	-950.9807	-9614.2328	34773.2396	-2720.9506	GLOBAL
1012	.2937	-497.5421	2705.0510	-62812.1807	34.6395	-179.6911	OBLIQUE
1012	.2937	-436.1300	2587.0499	-62812.1807	63.7440	-171.5366	GLOBAL
TOTAL	-9.5300	-1426.9141	735.9777	-82266.7026	1407.5770	-1106.4236	

6.137

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 12

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-17.6577	.2761	271.7649	1091.6231	-13446.3623	2184.7942	OBLIQUE
1010	-29.6254	37.5272	268.1090	-12340.7964	5871.2107	-56.6209	GLOBAL
1011	1.3949	-449.5415	2331.6393	-55460.3640	3150.0653	3043.7182	OBLIQUE
1011	715.2546	414.9783	2225.9427	25574.4547	-49273.0425	4112.2153	GLOBAL
1012	3.0740	473.8089	-1685.4875	54029.2577	3294.6278	3511.6107	OBLIQUE
1012	3.0740	777.6956	-1741.7821	54029.2577	2671.6837	4006.0065	GLOBAL
TOTAL	666.7132	1230.2011	712.2696	67267.9139	-40730.1481	8061.6009	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 13

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-0.2216	-280.8114	1447.3845	-30721.0837	-7620.8650	-793.5464	OBLIQUE
1010	-441.8252	264.8384	1381.4867	8976.8945	30295.1864	-2036.2192	GLOBAL
1011	9.8825	-278.9311	1466.5791	-30932.3564	8992.7480	750.2131	OBLIQUE
1011	442.2212	266.7525	1400.7263	7904.5220	-31158.2570	2219.1236	GLOBAL
1012	.1527	502.8158	-2160.4461	56153.5088	154.6644	-249.5744	OBLIQUE
1012	.1527	851.3656	-2048.2492	56153.5088	193.6346	-220.7127	GLOBAL
TOTAL	.5267	1382.9545	733.9654	73034.7253	-669.4361	-37.8083	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 14 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	-1.0289	5.2650	221.9115	559.5157	-501.3652	-62.4316	OBLIQUE
1010	-20.2906	17.0755	219.7552	-599.1759	-68.9588	-144.0459	GLOBAL
1011	.0412	-4.3751	199.5193	-534.7324	159.3596	165.4333	OBLIQUE
1011	31.0288	19.1352	196.0823	155.0277	-528.0148	189.3916	GLOBAL
1012	.0401	12.0069	250.7217	1137.0734	152.3667	196.0278	OBLIQUE
1012	.0401	-26.5772	249.4199	1157.0734	117.9238	219.0253	GLOBAL
TOTAL	0.1842	7.0353	865.2574	892.9252	-479.0497	264.3710	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	-1.3146	-.5204	204.5567	-186.6808	-376.8952	-117.1021	OBLIQUE
1010	-26.9224	18.2532	201.6841	-211.9857	357.6724	-171.4990	GLOBAL
1011	1.3010	.1619	211.6329	-99.8494	376.3829	132.3259	OBLIQUE
1011	29.5491	18.4942	208.7772	-252.6220	-261.5437	192.4512	GLOBAL
1012	-.0194	14.1074	253.7737	1251.5547	-7.0213	12.0794	OBLIQUE
1012	-.0194	-28.1851	254.5072	1251.5547	-8.9158	10.7590	GLOBAL
TOTAL	.4073	8.5123	865.0665	786.9469	87.4149	25.6912	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	1.0037	5.1541	222.6693	379.0490	468.5724	135.4950	OBLIQUE
1010	-20.1108	14.3936	220.4844	191.2067	-548.3003	210.7205	GLOBAL
1011	-.8404	14.8371	260.6090	1284.6709	-233.0358	-127.1863	OBLIQUE
1011	24.0023	13.3978	259.5000	-464.4097	1221.1549	-163.7838	GLOBAL
1012	-.0852	-6.2407	149.2097	-706.1627	-173.6266	-104.9591	OBLIQUE
1012	-.0852	-37.2993	155.6018	-706.1627	-155.9823	-132.1063	GLOBAL
TOTAL	-3.9317	-9.5079	665.5862	-479.3657	518.8772	-85.1696	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	1.3697	10.4201	241.1995	888.4343	391.2897	158.5028	OBLIQUE
1010	-20.1353	13.5222	239.6283	-133.2006	-949.7276	220.7034	GLOBAL
1011	-1.4525	11.2531	246.9804	930.1101	-411.3931	-144.8448	OBLIQUE
1011	20.2784	13.5327	245.4675	-130.0930	1003.3508	-210.5376	GLOBAL
1012	.0369	-7.9002	184.5529	-863.0984	17.0145	5.9653	OBLIQUE
1012	.0369	-38.1697	180.7353	-863.0984	16.1298	6.7117	GLOBAL
TOTAL	.1800	-11.1148	665.8312	-1134.9920	69.7530	16.8775	

SECTION 7.0

TUBULAR JOINT ANALYSIS

7.1 INTRODUCTION

This section contains the analysis of all of the tubular joints of the structure. The tubular joints are separated into two groups, the Primary Joints and the Secondary Joints.

The Primary Joints are those joints involving the jacket legs. Section 7.2 displays the joint geometry and location for each of the Primary Joints. This section serves as a key to Section 7.3, the computer analysis of the Primary Joints.

The Secondary Joints are those joints involving the interior bracing at each of the horizontal levels. Section 7.4 displays the joint geometry and location for each of the Secondary Joints. This section serves as a key to Section 7.5, the computer analysis of the Secondary Joints.

The computer program used for the tubular joint analysis of this structure is a post-processor program for STRAN developed by Crest Offshore, Inc. This program is based on AISC and API criteria for stress in tubular members.

Reference Drawings:

3016315 Jacket - Elevations

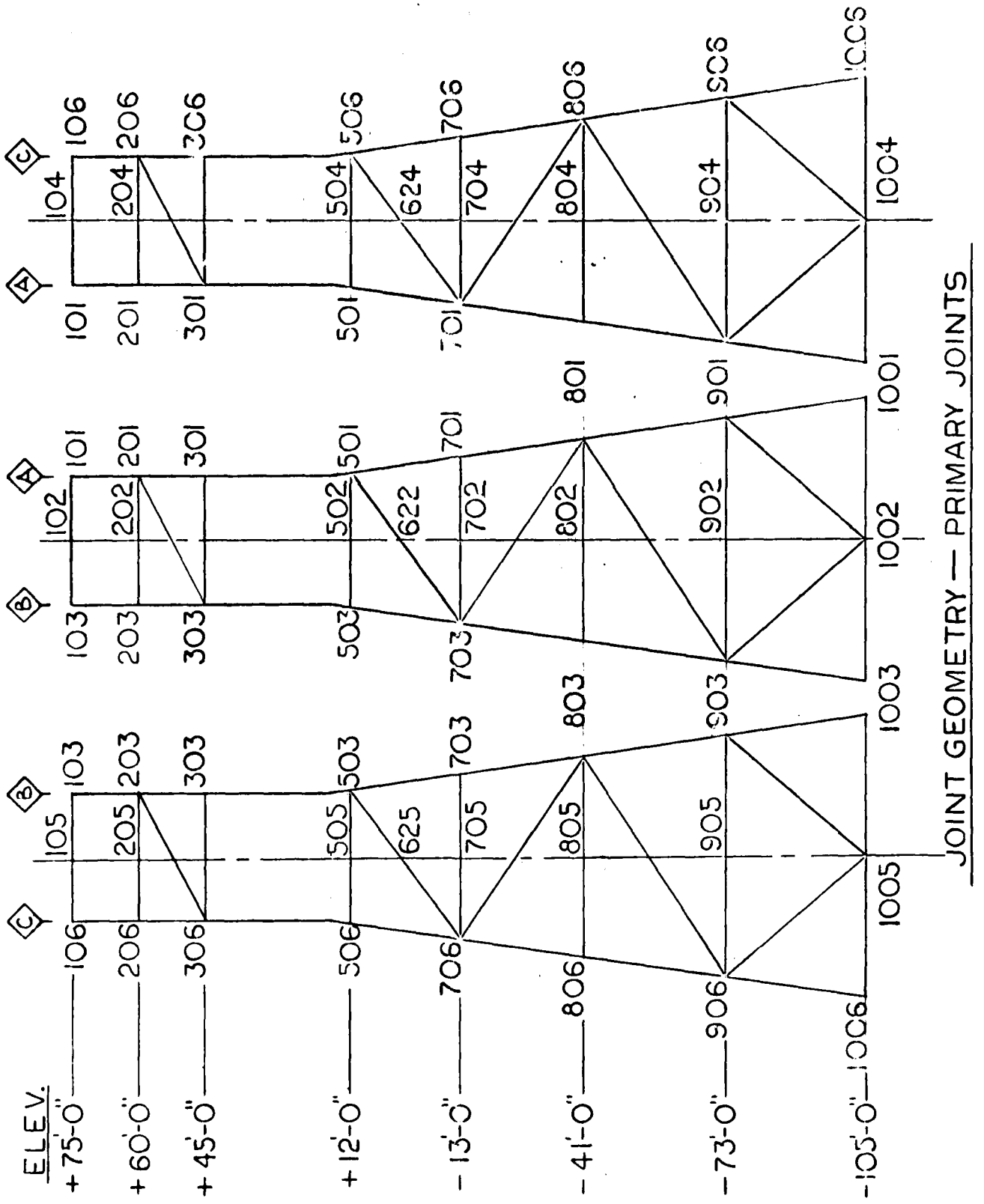
3016316 Jacket - Plan at El. (+) 12'-0"

3016317 Jacket - Plan at El. (-) 13'-0" & (-) 43'-0"

3016318 Jacket - Plan at El. (-) 73'-0" & (-) 105'-0"

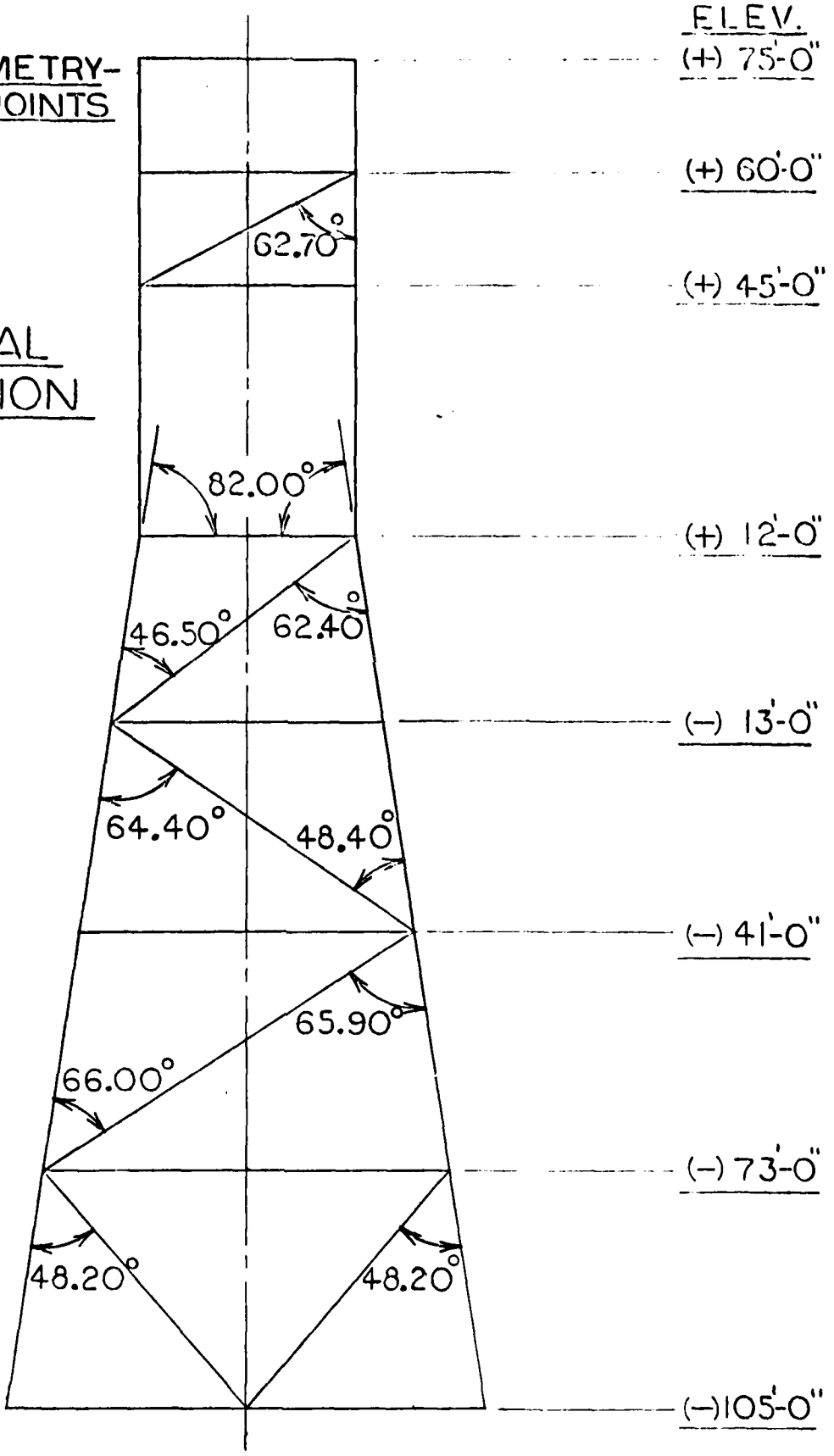
3016329 Superstructure - Elevations

7.2 Joint Geometry - Primary Joints



JOINT GEOMETRY- PRIMARY JOINTS

TYPICAL ELEVATION



7.3 Punching Shear Analysis - Primary Joints

372 RECORDS TO BE SORTED

SAPCHK - CREST OFFSHORE, INC, STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
201	301	201	10	30.00	1.500	.359	1.109		
			201 303	12.75	.500	.668	2.545	.899	11.003
201	301	201	11	30.00	1.500	.391	.988		
			201 303	12.75	.500	.243	1.646	.530	11.003
201	301	201	12	30.00	1.500	.410	.232		
			201 303	12.75	.500	.685	4.350	1.413	11.003
201	301	201	13	30.00	1.500	.375	.252		
			201 303	12.75	.500	.290	1.611	.533	11.003
203	303	203	10	30.00	1.500	.146	1.409		
			203 306	12.75	.500	4.994	3.373	2.307	11.003
203	303	203	11	30.00	1.500	.157	1.411		
			203 306	12.75	.500	4.877	3.717	2.372	11.003
203	303	203	12	30.00	1.500	.797	.614		
			203 306	12.75	.500	4.806	4.527	2.502	11.003
203	303	203	13	30.00	1.500	.804	.419		
			203 306	12.75	.500	4.963	4.395	2.587	11.003
206	306	206	10	30.00	1.500	.728	.686		
			206 301	12.75	.500	3.991	3.164	1.976	11.003
206	306	206	11	30.00	1.500	.820	.769		
			206 301	12.75	.500	5.489	5.064	2.918	11.003
206	306	206	12	30.00	1.500	.259	1.530		
			206 301	12.75	.500	3.631	3.345	1.929	11.003
206	306	206	13	30.00	1.500	.147	1.827		
			206 301	12.75	.500	5.490	3.861	2.579	11.003
301	401	301	10	30.00	1.500	.892	7.331		
			206 301	12.75	.500	3.940	2.103	1.663	11.003
			301 306	12.75	.750	2.440	5.386	3.914	11.003

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
301	401	301	11		30.00	1.500	.295	10.040		
			206	301	12.75	.500	5.438	3.844	2.560	11.003
			301	306	12.75	.750	2.772	3.568	3.170	11.003
301	401	301	12		30.00	1.500	.036	7.442		
			206	301	12.75	.500	3.682	6.931	2.954	11.003
			301	306	12.75	.750	2.596	7.968	5.282	11.003
301	401	301	13		30.00	1.500	.760	10.214		
			206	301	12.75	.500	5.539	3.499	2.491	11.003
			301	306	12.75	.750	2.571	7.580	4.975	11.003
303	403	303	10		30.00	1.500	.297	9.378		
			201	303	12.75	.500	.717	8.653	2.635	11.003
			301	303	12.75	.750	1.031	10.647	5.839	11.003
303	403	303	11		30.00	1.500	.255	9.248		
			201	303	12.75	.500	.294	7.107	2.084	11.003
			301	303	12.75	.750	.170	10.788	5.479	11.003
303	403	303	12		30.00	1.500	.835	9.145		
			201	303	12.75	.500	.635	1.082	.478	11.003
			301	303	12.75	.750	1.219	9.814	5.516	11.003
303	403	303	13		30.00	1.500	.896	9.496		
			201	303	12.75	.500	.241	4.479	1.328	11.003
			301	303	12.75	.750	.040	10.154	5.097	11.003
306	406	306	10		30.00	1.500	1.157	10.118		
			203	306	12.75	.500	5.044	5.345	2.877	11.003
			303	306	12.75	.750	2.271	7.049	4.660	11.003
306	406	306	11		30.00	1.500	1.249	11.998		
			203	306	12.75	.500	4.928	5.140	2.787	10.887
			303	306	12.75	.750	1.655	9.317	5.486	10.887
306	406	306	12		30.00	1.500	.041	9.420		
			203	306	12.75	.500	4.756	3.084	2.330	11.003
			303	306	12.75	.750	2.547	4.061	3.304	11.003
306	406	306	13		30.00	1.500	.086	11.790		
			203	306	12.75	.500	4.912	4.731	2.668	11.003
			303	306	12.75	.750	1.584	7.495	4.540	11.003

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
401	501	501	10		48.00	1.750	.076	8.590		
			501	502	16.00	.750	.992	7.580	3.494	8.733
			501	504	16.00	.750	6.962	7.481	5.922	8.733
			501	622	20.00	1.000	4.070	5.857	4.714	8.733
401	501	501	11		48.00	1.750	4.334	7.486		
			501	502	16.00	.750	3.700	5.046	3.582	8.733
			501	504	16.00	.750	7.921	8.223	6.620	8.733
			501	622	20.00	1.000	.040	5.991	2.910	8.733
401	501	501	12		48.00	1.750	.617	8.376		
			501	502	16.00	.750	.231	6.357	2.682	8.733
			501	504	16.00	.750	6.276	9.506	6.462	8.733
			501	622	20.00	1.000	3.975	4.517	4.024	8.733
401	501	501	13		48.00	1.750	4.846	7.086		
			501	502	16.00	.750	4.818	4.963	4.011	8.733
			501	504	16.00	.750	7.286	10.580	7.317	8.733
			501	622	20.00	1.000	.317	5.975	3.031	8.733
403	503	503	10		48.00	1.750	7.344	5.851		
			502	503	16.00	.750	.467	2.127	1.059	8.649
			503	505	16.00	.750	4.675	5.724	4.261	8.649
			503	625	20.00	1.000	8.757	5.108	6.526	8.649
403	503	503	11		48.00	1.750	4.449	8.399		
			502	503	16.00	.750	3.819	4.527	3.421	8.702
			503	505	16.00	.750	3.168	7.258	4.271	8.702
			503	625	20.00	1.000	8.330	5.001	6.276	8.702
403	503	503	12		48.00	1.750	7.881	5.770		
			502	503	16.00	.750	.309	4.866	2.108	8.580
			503	505	16.00	.750	5.327	8.652	5.722	8.580
			503	625	20.00	1.000	8.872	6.639	7.415	8.580
403	503	503	13		48.00	1.750	4.776	8.299		
			502	503	16.00	.750	4.935	4.243	3.766	8.667
			503	505	16.00	.750	3.805	9.680	5.511	8.667
			503	625	20.00	1.000	8.268	6.785	7.109	8.667
406	506	506	10		48.00	1.750	8.235	3.427		
			504	506	16.00	.750	7.262	7.272	5.961	8.733
			505	506	16.00	.750	3.884	9.652	5.533	8.733
			506	624	20.00	1.000	5.918	6.766	6.010	8.733

SAPCHK - CREST OFFSHORE, INC, STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
406	506	506	11		48.00	1.750	9,510	3,976		
			504	506	16.00	.750	8,576	8,932	7,180	8,605
			505	506	16.00	.750	2,401	9,197	4,735	8,605
			506	624	20.00	1.000	8,481	6,920	7,273	8,605
406	506	506	12		48.00	1.750	7,801	3,483		
			504	506	16.00	.750	6,563	4,827	4,677	8,733
			505	506	16.00	.750	4,527	7,162	4,786	8,733
			506	624	20.00	1.000	5,910	5,885	5,581	8,733
406	506	506	13		48.00	1.750	8,807	3,960		
			504	506	16.00	.750	7,925	6,021	5,726	8,714
			505	506	16.00	.750	3,033	6,326	3,828	8,714
			506	624	20.00	1.000	8,348	5,415	6,484	8,714
701	801	701	10		47.50	1.500	.660	.791		
			624	701	20.00	1.000	5,895	3,828	3,932	7,870
			701	702	12.75	.500	3,604	3,169	2,162	7,870
			701	704	12.75	.500	1,791	2,571	1,390	7,870
			701	806	20.00	1.000	4,503	3,961	4,750	7,870
701	801	701	11		47.50	1.500	2,778	.408		
			624	701	20.00	1.000	8,458	2,737	4,473	7,870
			701	702	12.75	.500	2,984	1,067	1,297	7,870
			701	704	12.75	.500	.013	2,070	.659	7,870
			701	806	20.00	1.000	7,413	3,619	6,168	7,870
701	801	701	12		47.50	1.500	.483	.886		
			624	701	20.00	1.000	5,935	3,804	3,938	7,870
			701	702	12.75	.500	3,902	2,588	2,074	7,870
			701	704	12.75	.500	1,390	3,052	1,413	7,870
			701	806	20.00	1.000	4,422	4,370	4,938	7,870
701	801	701	13		47.50	1.500	2,918	.499		
			624	701	20.00	1.000	8,371	2,390	4,292	7,870
			701	702	12.75	.500	3,471	1,406	1,561	7,870
			701	704	12.75	.500	.153	3,227	1,071	7,870
			701	806	20.00	1.000	7,240	4,577	6,617	7,870
703	803	703	10		47.50	1.500	6,106	1,462		
			622	703	20.00	1.000	4,046	5,651	3,982	7,870
			702	703	12.75	.500	4,164	1,393	1,780	7,870
			703	705	12.75	.500	1,042	2,923	1,260	7,870
			703	801	20.00	1.000	4,391	6,459	6,111	7,870

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
703	803	703	11		47.50	1.500	4.057	1.251		
			622	703	20.00	1.000	.065	5.057	2.171	7.870
			702	703	12.75	.500	2.947	1.231	1.337	7.870
			703	705	12.75	.500	1.637	3.486	1.630	7.870
			703	801	20.00	1.000	.283	5.486	3.281	7.870
703	803	703	12		47.50	1.500	6.298	1.409		
			622	703	20.00	1.000	3.999	5.145	3.749	7.870
			702	703	12.75	.500	4.471	2.295	2.164	7.870
			703	705	12.75	.500	1.111	3.650	1.575	7.870
			703	801	20.00	1.000	4.379	6.770	6.281	7.870
703	803	703	13		47.50	1.500	4.055	1.157		
			622	703	20.00	1.000	.293	5.002	2.237	7.870
			702	703	12.75	.500	3.437	1.463	1.568	7.870
			703	705	12.75	.500	1.449	4.153	1.780	7.870
			703	801	20.00	1.000	.097	5.708	3.304	7.870
706	806	706	10		47.50	1.500	5.832	.838		
			625	706	20.00	1.000	8.781	.663	3.720	7.870
			704	706	12.75	.500	2.394	2.823	1.663	7.870
			705	706	12.75	.500	2.195	3.200	1.718	7.870
			706	803	20.00	1.000	8.325	5.067	7.497	7.870
706	806	706	11		47.50	1.500	7.067	1.256		
			625	706	20.00	1.000	8.355	3.117	4.594	7.870
			704	706	12.75	.500	1.009	3.867	1.548	7.870
			705	706	12.75	.500	2.630	3.083	1.821	7.870
			706	803	20.00	1.000	7.713	6.093	7.743	7.870
706	806	706	12		47.50	1.500	5.591	.772		
			625	706	20.00	1.000	8.848	1.957	4.295	7.870
			704	706	12.75	.500	1.989	2.179	1.329	7.870
			705	706	12.75	.500	2.264	2.115	1.397	7.870
			706	803	20.00	1.000	8.239	4.153	6.929	7.870
706	806	706	13		47.50	1.500	6.589	1.199		
			625	706	20.00	1.000	8.245	3.526	4.725	7.870
			704	706	12.75	.500	1.173	2.987	1.322	7.870
			705	706	12.75	.500	2.443	1.652	1.371	7.870
			706	803	20.00	1.000	7.396	5.335	7.135	7.870

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
701	801	801	10		47.50	1.500	.634	.384		
			703	801	20.00	1.000	4.386	3.434	3.305	7.870
			801	802	14.00	.500	.955	4.445	1.714	7.870
			801	804	14.00	.500	3.946	4.134	2.577	7.870
			801	903	20.00	1.000	4.039	3.971	4.556	7.870
701	801	801	11		47.50	1.500	2.805	.610		
			703	801	20.00	1.000	.280	5.461	2.512	7.870
			801	802	14.00	.500	2.748	1.822	1.460	7.870
			801	804	14.00	.500	3.422	3.699	2.334	7.870
			801	903	20.00	1.000	.186	5.077	3.021	7.870
701	801	801	12		47.50	1.500	.509	.387		
			703	801	20.00	1.000	4.382	3.503	3.334	7.870
			801	802	14.00	.500	1.339	3.977	1.689	7.870
			801	804	14.00	.500	3.560	4.629	2.609	7.870
			801	903	20.00	1.000	4.080	3.519	4.320	7.870
701	801	801	13		47.50	1.500	2.891	.532		
			703	801	20.00	1.000	.102	5.442	2.431	7.870
			801	802	14.00	.500	3.169	2.044	1.666	7.870
			801	804	14.00	.500	3.278	4.718	2.547	7.870
			801	903	20.00	1.000	.189	5.547	3.177	7.870
703	803	803	10		47.50	1.500	6.133	.040		
			706	803	20.00	1.000	8.329	2.069	4.323	7.870
			802	803	14.00	.500	1.466	1.878	1.065	7.870
			803	805	14.00	.500	3.156	2.367	1.764	7.870
			803	906	20.00	1.000	8.411	4.565	7.360	7.870
703	803	803	11		47.50	1.500	4.084	.297		
			706	803	20.00	1.000	7.718	2.259	4.156	7.870
			802	803	14.00	.500	2.767	1.684	1.422	7.870
			803	805	14.00	.500	1.103	3.652	1.510	7.870
			803	906	20.00	1.000	7.476	4.000	6.509	7.870
703	803	803	12		47.50	1.500	6.271	.241		
			706	803	20.00	1.000	8.230	1.302	3.945	7.870
			802	803	14.00	.500	1.853	2.724	1.458	7.870
			803	805	14.00	.500	3.011	4.022	2.241	7.870
			803	906	20.00	1.000	8.392	5.283	7.762	7.870

S-PCHK = CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR = PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/= =S T R E S S =\ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
703	803	803	13	47.50	1.500	4.028	.197		
			706 803	20.00	1.000	7.393	1.876	3.854	7.870
			802 803	14.00	.500	3.187	1.786	1.590	7.870
			803 805	14.00	.500	1.079	4.562	1.791	7.870
			803 906	20.00	1.000	7.189	4.623	6.705	7.870
706	806	806	10	47.50	1.500	5.805	.499		
			701 806	20.00	1.000	4.496	5.602	4.302	7.870
			804 806	14.00	.500	4.407	2.743	2.383	7.870
			805 806	14.00	.500	2.212	4.461	2.123	7.870
			806 901	20.00	1.000	4.738	6.401	6.351	7.870
706	806	806	11	47.50	1.500	7.040	.405		
			701 806	20.00	1.000	7.407	3.606	4.620	7.870
			804 806	14.00	.500	4.231	3.799	2.677	7.870
			805 806	14.00	.500	.274	3.938	1.334	7.870
			806 901	20.00	1.000	7.623	5.955	7.721	7.870
706	806	806	12	47.50	1.500	5.618	.495		
			701 806	20.00	1.000	4.427	5.786	4.355	7.870
			804 806	14.00	.500	4.019	.975	1.665	7.870
			805 806	14.00	.500	2.063	3.258	1.694	7.870
			806 901	20.00	1.000	4.744	6.011	6.130	7.870
706	806	806	13	47.50	1.500	6.616	.212		
			701 806	20.00	1.000	7.245	3.896	4.680	7.870
			804 806	14.00	.500	4.092	2.152	2.082	7.870
			805 806	14.00	.500	.244	2.750	.949	7.870
			806 901	20.00	1.000	7.384	5.205	7.155	7.870
801	901	901	10	47.00	1.250	.879	.944		
			901 902	16.00	.500	4.683	4.271	3.429	6.953
			901 904	16.00	.500	3.229	4.065	2.789	6.953
			901 1002	18.00	.750	6.152	2.013	3.051	6.953
			901 1004	18.00	.750	6.501	2.013	3.180	6.953
801	901	901	11	47.00	1.250	3.479	.563		
			901 902	16.00	.500	1.288	1.531	1.078	6.953
			901 904	16.00	.500	5.752	3.737	3.638	6.953
			901 1002	18.00	.750	.126	2.404	.992	6.953
			901 1004	18.00	.750	10.990	2.489	5.015	6.953

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
801	901	901	12	47,00	1,250	,905	,905		
			901 902	16,00	,500	4,374	3,844	3,147	6,953
			901 904	16,00	,500	2,911	4,120	2,688	6,953
			901 1002	18,00	,750	6,313	2,211	3,189	6,953
			901 1004	18,00	,750	6,265	1,855	3,031	6,953
801	901	901	13	47,00	1,250	3,414	,573		
			901 902	16,00	,500	,532	1,327	,709	6,953
			901 904	16,00	,500	5,882	3,993	3,785	6,953
			901 1002	18,00	,750	,065	2,647	1,066	6,953
			901 1004	18,00	,750	10,338	2,350	4,721	6,953
803	903	903	10	47,00	1,250	4,343	,699		
			902 903	16,00	,500	4,265	3,049	2,804	6,953
			903 905	16,00	,500	7,801	2,478	3,951	6,953
			903 1002	18,00	,750	6,274	3,880	3,831	6,953
			903 1005	18,00	,750	12,467	3,821	6,082	6,953
803	903	903	11	47,00	1,250	2,156	,923		
			902 903	16,00	,500	1,250	,597	,709	6,953
			903 905	16,00	,500	7,120	3,062	3,910	6,953
			903 1002	18,00	,750	,233	2,876	1,218	6,953
			903 1005	18,00	,750	11,108	3,333	5,391	6,953
803	903	903	12	47,00	1,250	4,413	,889		
			902 903	16,00	,500	3,952	3,259	2,762	6,953
			903 905	16,00	,500	7,284	3,283	4,057	6,953
			903 1002	18,00	,750	6,303	3,824	3,820	6,953
			903 1005	18,00	,750	12,361	3,609	5,960	6,953
803	903	903	13	47,00	1,250	2,076	1,037		
			902 [illegible]3	16,00	,500	,497	1,082	,603	6,953
			903 5	16,00	,500	6,573	3,706	3,943	6,953
			903 1002	18,00	,750	,045	2,973	1,187	6,953
			903 1005	18,00	,750	10,379	3,146	5,049	6,953
806	906	906	10	47,00	1,250	5,233	,147		
			904 906	16,00	,500	3,572	2,098	2,175	6,953
			905 906	16,00	,500	7,069	3,686	4,127	6,953
			906 1004	18,00	,750	6,456	3,572	3,777	6,953
			906 1005	18,00	,750	12,432	2,659	5,612	6,953

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
806	906	906	11	47.00	1.250	5.643	.548		
			904 906	16.00	.500	6.384	2.903	3.565	6.953
			905 906	16.00	.500	6.451	3.767	3.919	6.953
			906 1004	18.00	.750	10.916	3.013	5.430	6.953
			906 1005	18.00	.750	11.094	3.143	5.311	6.953
806	906	906	12	47.00	1.250	5.142	.187		
			904 906	16.00	.500	3.254	1.426	1.797	6.953
			905 906	16.00	.500	6.542	3.024	3.673	6.953
			906 1004	18.00	.750	6.353	3.540	3.726	6.953
			906 1005	18.00	.750	12.462	2.904	5.719	6.953
806	906	906	13	47.00	1.250	5.319	.482		
			904 906	16.00	.500	6.512	1.986	3.267	6.953
			905 906	16.00	.500	5.905	3.192	3.490	6.953
			906 1004	18.00	.750	10.399	3.669	5.263	6.953
			906 1005	18.00	.750	10.497	3.263	5.139	6.953
901	1001	1001	10	47.50	1.500	.012	.134		
			1001 1004	20.00	1.000	.013	3.518	2.235	7.870
			1001 1002	20.00	1.000	.379	3.359	2.370	7.870
901	1001	1001	11	47.50	1.500	.318	.277		
			1001 1004	20.00	1.000	3.679	2.996	4.262	7.870
			1001 1002	20.00	1.000	4.085	.718	3.082	7.870
901	1001	1001	12	47.50	1.500	.005	.126		
			1001 1004	20.00	1.000	.284	3.293	2.267	7.870
			1001 1002	20.00	1.000	.122	3.265	2.145	7.870
901	1001	1001	13	47.50	1.500	.293	.239		
			1001 1004	20.00	1.000	3.266	2.722	3.823	7.870
			1001 1002	20.00	1.000	3.782	.440	2.710	7.870
903	1003	1003	10	47.50	1.500	.506	.393		
			1003 1005	20.00	1.000	6.051	2.968	5.770	7.870
			1002 1003	20.00	1.000	6.227	2.793	5.772	7.870
903	1003	1003	11	47.50	1.500	.335	.249		
			1003 1005	20.00	1.000	3.930	2.907	4.367	7.870
			1002 1003	20.00	1.000	4.240	.626	3.123	7.870

SAPCHK - CREST OFFSHORE, INC, STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
903 1003 1003		12		47.50	1.500	.494	.390		
			1003 1005	20.00	1.000	5.780	3.018	5.626	7.870
			1002 1003	20.00	1.000	6.058	2.069	5.585	7.870
903 1003 1003		13		47.50	1.500	.303	.213		
			1003 1005	20.00	1.000	3.440	2.877	4.033	7.870
			1002 1003	20.00	1.000	3.826	.738	2.928	7.870
906 1006 1006		10		47.50	1.500	.490	.409		
			1004 1006	20.00	1.000	6.097	2.925	5.772	7.870
			1005 1006	20.00	1.000	5.638	3.029	5.543	7.870
906 1006 1006		11		47.50	1.500	.548	.465		
			1004 1006	20.00	1.000	6.611	3.019	6.162	7.870
			1005 1006	20.00	1.000	6.486	2.832	5.963	7.870
906 1006 1006		12		47.50	1.500	.499	.414		
			1004 1006	20.00	1.000	6.217	2.762	5.746	7.870
			1005 1006	20.00	1.000	5.881	2.936	5.640	7.870
906 1006 1006		13		47.50	1.500	.533	.433		
			1004 1006	20.00	1.000	6.503	2.701	5.891	7.870
			1005 1006	20.00	1.000	6.389	2.671	5.798	7.870
1001 1002 1002		10		24.00	1.000	.313	1.680		
			901 1002	18.00	.750	6.168	2.953	5.488	10.260
1001 1002 1002		11		24.00	1.000	3.375	1.154		
			901 1002	18.00	.750	.141	3.099	2.020	10.260
1001 1002 1002		12		24.00	1.000	.101	1.676		
			901 1002	18.00	.750	6.297	2.925	5.546	10.260
1001 1002 1002		13		24.00	1.000	3.124	1.172		
			901 1002	18.00	.750	.050	2.989	1.897	10.260
1002 1003 1002		10		24.00	1.000	5.144	.663		
			903 1002	18.00	.750	6.257	2.658	5.355	10.260
1002 1003 1002		11		24.00	1.000	3.503	1.256		
			903 1002	18.00	.750	.217	2.597	1.752	10.260

SAPCHK = CHEST OFFSHORE, INC. STRUCTURAL POSTPROCESSUR SYSTEM

PUNCHING SHEAR CHECK FOR = PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/= =S T R E S S = =/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1002	1003 1002	12		24.00	1.000	5.005	.749		
			903 1002	18.00	.750	6.317	2.553	5.326	10.260
1002	1003 1002	13		24.00	1.000	3.161	1.333		
			903 1002	18.00	.750	.060	2.504	1.600	10.260
1003	1005 1005	10		24.00	1.000	4.999	1.279		
			903 1005	18.00	.750	12.450	2.263	8.766	10.260
1003	1005 1005	11		24.00	1.000	3.247	1.568		
			903 1005	18.00	.750	11.093	2.546	8.142	10.260
1003	1005 1005	12		24.00	1.000	4.775	1.366		
			903 1005	18.00	.750	12.377	2.173	8.666	10.260
1003	1005 1005	13		24.00	1.000	2.842	1.582		
			903 1005	18.00	.750	10.394	2.468	7.680	10.260
1005	1006 1005	10		24.00	1.000	4.658	.949		
			906 1005	18.00	.750	12.446	3.044	9.251	10.260
1005	1006 1005	11		24.00	1.000	5.357	.776		
			906 1005	18.00	.750	11.110	2.890	8.367	10.260
1005	1006 1005	12		24.00	1.000	4.858	.898		
			906 1005	18.00	.750	12.445	3.173	9.332	10.260
1005	1006 1005	13		24.00	1.000	5.276	.661		
			906 1005	18.00	.750	10.480	2.883	7.990	10.260
1001	1004 1004	10		24.00	1.000	.010	1.741		
			901 1004	18.00	.750	6.486	2.786	5.571	10.260
1001	1004 1004	11		24.00	1.000	3.039	1.389		
			901 1004	18.00	.750	10.975	3.062	8.395	10.260
1001	1004 1004	12		24.00	1.000	.234	1.710		
			901 1004	18.00	.750	6.283	2.749	5.428	10.260
1001	1004 1004	13		24.00	1.000	2.699	1.356		
			901 1004	18.00	.750	10.353	2.924	7.941	10.260

PCHK = CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR = PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/= =S T R E S S = =/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1004	1006	1004	10	24.00	1.000	5.037	.817		
			906 1004	18.00	.750	6.470	2.707	5.512	10.260
1004	1006	1004	11	24.00	1.000	5.461	1.128		
			906 1004	18.00	.750	10.933	2.309	7.899	10.260
1004	1006	1004	12	24.00	1.000	5.135	.761		
			906 1004	18.00	.750	6.336	2.861	5.529	10.260
1004	1006	1004	13	24.00	1.000	5.371	1.012		
			906 1004	18.00	.750	10.382	2.325	7.583	10.260

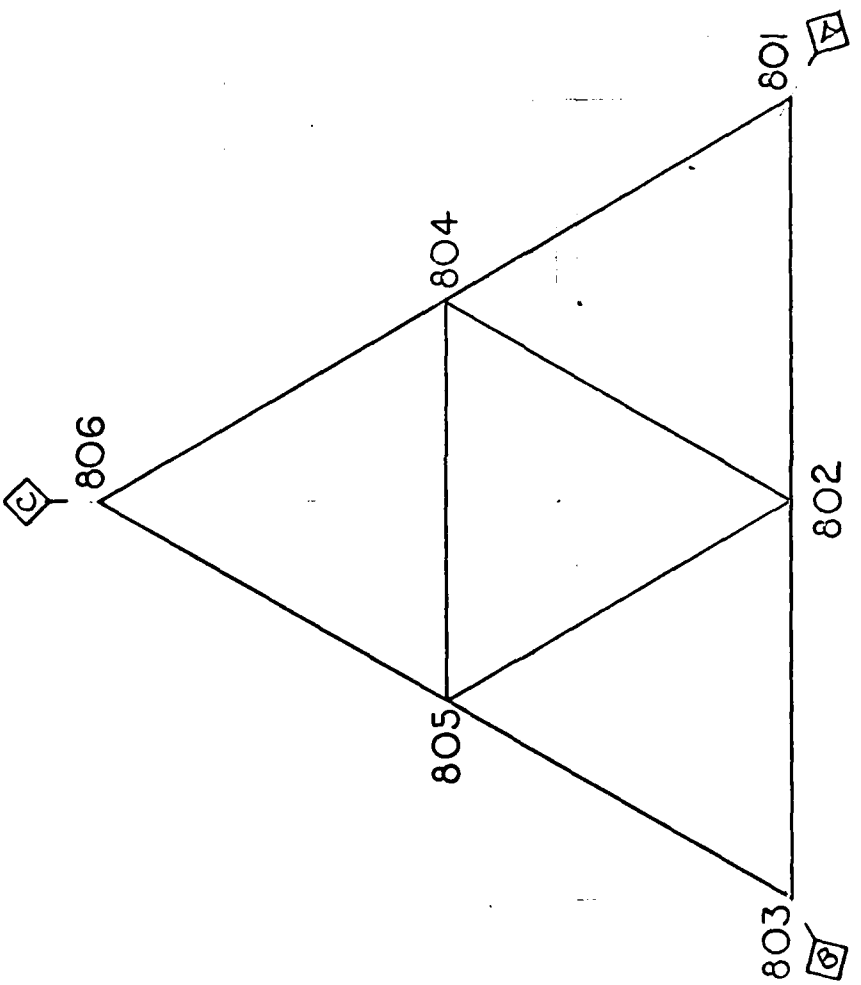
END OF JOINT CHECK

END OF RUN = SAPCHK

JOINT GEOMETRY — SECONDARY JOINTS

PLAN AT ELEV. (-) 13'-0"

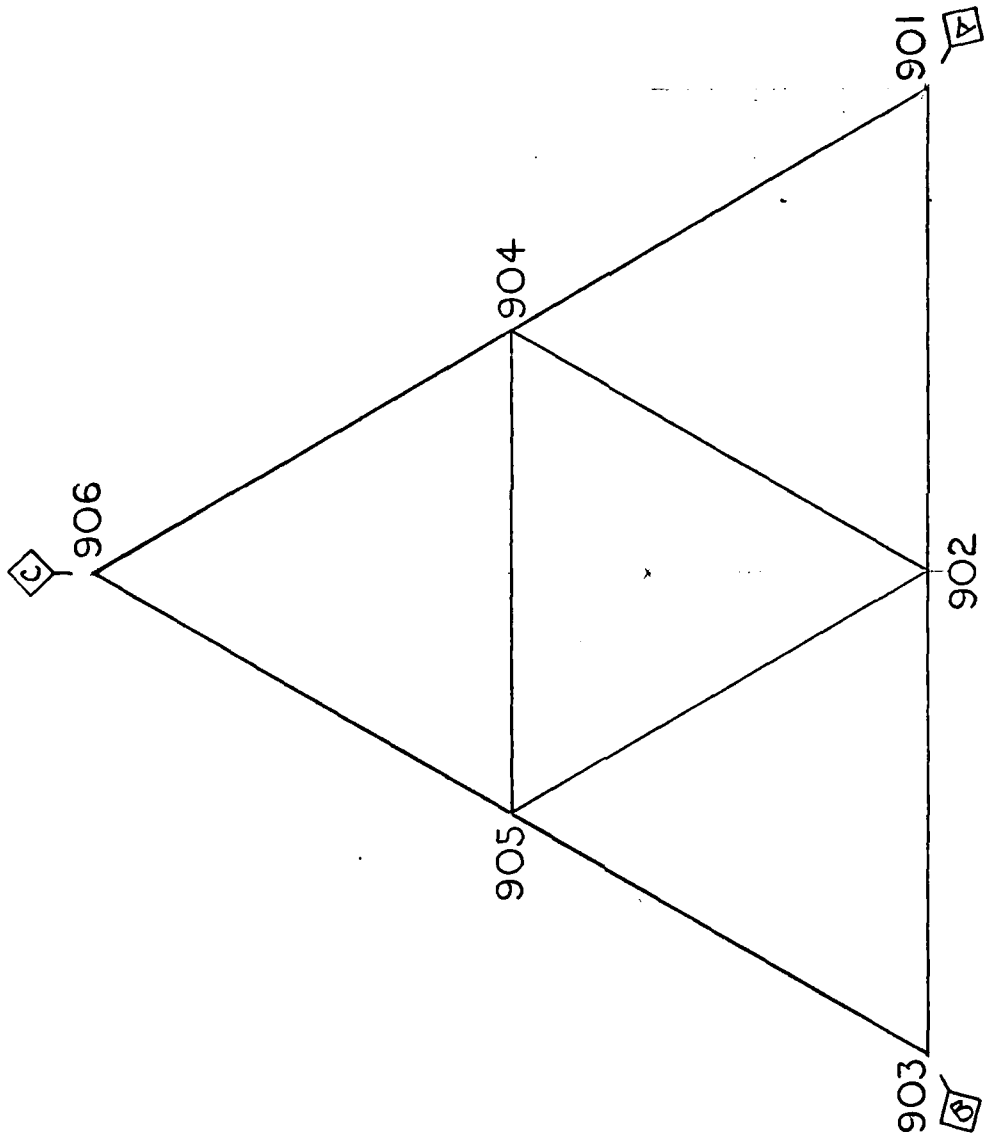
PLAN AT ELEV. (+) 12'-0"



PLAN AT ELEV. (-)41'-0"

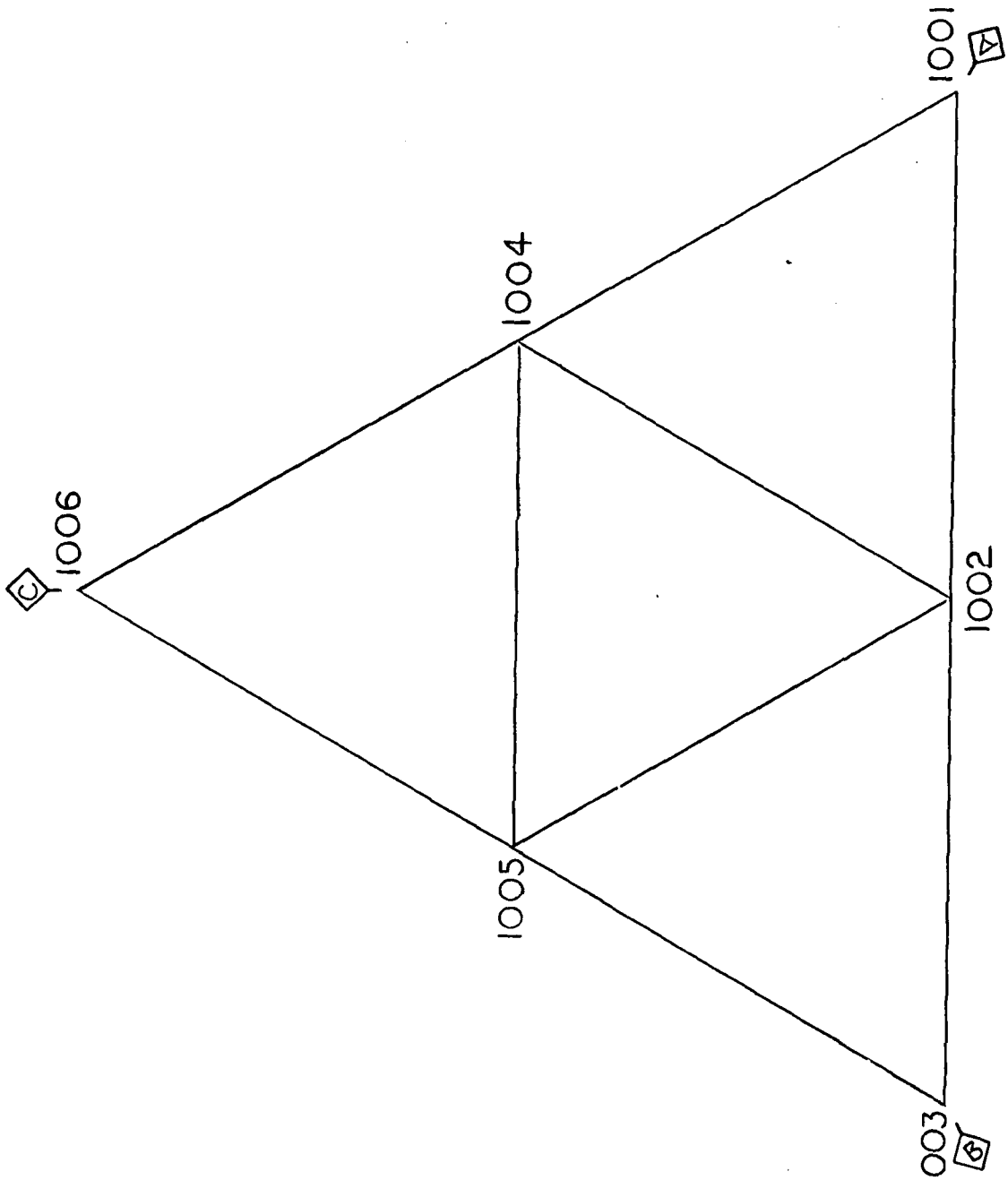
JOINT GEOMETRY — SECONDARY JOINTS

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE
Date 1-28-76 Job No. 27-771-96 Calculation TUBULAR JOINT ANALYSIS



PLAN AT ELEV. (-) 73'-0"

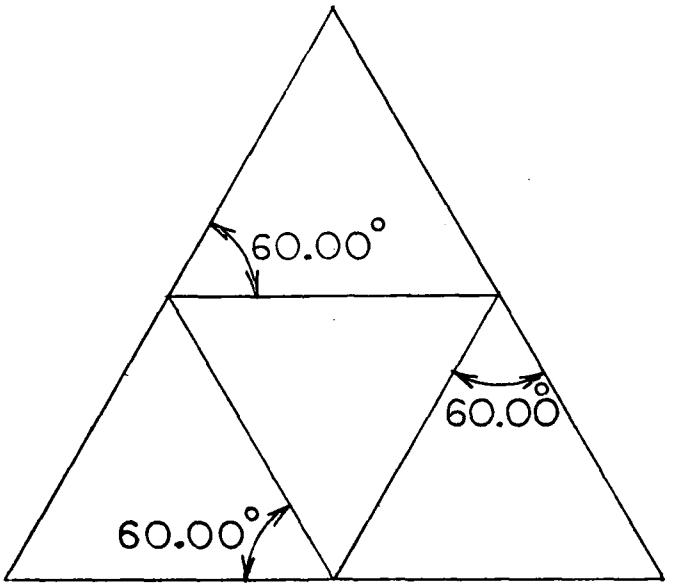
JOINT GEOMETRY — SECONDARY JOINTS



PLAN AT ELEV. (-) 105'-0"

JOINT GEOMETRY — SECONDARY JOINTS

JOINT GEOMETRY — SECONDARY JOINTS



TYPICAL PLAN

7.5 Punching Shear Analysis - Secondary Joints

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS- AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
504	506	504	11	16.00	.625	10,207	3,912		
			504 505	10,75	.360	2,385	5,882	3,905	9,087
504	506	504	12	16,00	.625	7,813	4,561		
			504 505	10,75	.360	1,762	4,065	2,750	9,327
504	506	504	13	16,00	.625	9,431	3,394		
			504 505	10,75	.360	2,330	5,678	3,782	9,297
501	504	504	10	16,00	.625	8,286	5,702		
			502 504	10,75	.360	.401	3,347	1,788	9,108
501	504	504	11	16,00	.625	9,428	5,153		
			502 504	10,75	.360	.855	3,647	2,138	9,012
501	504	504	12	16,00	.625	7,468	5,612		
			502 504	10,75	.360	.477	2,649	1,488	9,256
501	504	504	13	16,00	.625	8,673	4,961		
			502 504	10,75	.360	.805	3,155	1,879	9,165
501	502	502	10	16,00	.625	1,181	4,383		
			502 504	10,75	.360	.401	3,347	1,788	9,327
501	502	502	11	16,00	.625	4,404	5,378		
			502 504	10,75	.360	.855	3,647	2,138	9,327
501	502	502	12	16,00	.625	.275	4,479		
			502 504	10,75	.360	.477	2,649	1,488	9,327
501	502	502	13	16,00	.625	5,735	5,553		
			502 504	10,75	.360	.805	3,155	1,879	9,327
702	703		10	12,75	.370	5,568	1,625		
			702 705	10,75	.360	1,310	4,382	4,556	8,796
702	703		11	12,75	.370	3,941	1,613		
			702 705	10,75	.360	.718	2,602	2,660	8,796
702	703		12	12,75	.370	5,979	3,007		
			702 705	10,75	.360	1,310	4,316	4,503	8,796

SAPCHK - CREST OFFSHORE, INC, STRUCTURAL POSTPROCESSUR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
702	703	13		12.75	.370	4.595	1.916		
			702 705	10.75	.360	.717	2.550	2.617	8.796
703	705	10		12.75	.370	1.393	3.518		
			702 705	10.75	.360	1.310	4.382	4.556	8.796
703	705	11		12.75	.370	2.190	6.812		
			702 705	10.75	.360	.718	2.602	2.660	8.796
703	705	12		12.75	.370	1.485	3.595		
			702 705	10.75	.360	1.310	4.316	4.503	8.796
703	705	13		12.75	.370	1.939	6.874		
			702 705	10.75	.360	.717	2.550	2.617	8.796
705	706	10		12.75	.370	2.935	4.192		
			704 705	10.75	.360	1.351	4.099	4.359	8.796
705	706	11		12.75	.370	3.517	4.040		
			704 705	10.75	.360	1.532	5.358	5.518	8.796
705	706	12		12.75	.370	3.028	2.771		
			704 705	10.75	.360	1.352	4.252	4.483	8.796
705	706	13		12.75	.370	3.266	2.427		
			704 705	10.75	.360	1.529	5.478	5.613	8.796
704	706	10		12.75	.370	3.201	3.699		
			704 705	10.75	.360	1.351	4.099	4.359	8.796
704	706	11		12.75	.370	1.350	5.067		
			704 705	10.75	.360	1.532	5.358	5.518	8.796
704	706	12		12.75	.370	2.660	2.855		
			704 705	10.75	.360	1.352	4.252	4.483	8.796
704	706	13		12.75	.370	1.568	3.914		
			704 705	10.75	.360	1.529	5.478	5.613	8.796
701	704	10		12.75	.370	2.390	7.790		
			702 704	10.75	.360	.063	.040	.567	8.796

SAPCHK - CREST OFFSHORE, INC, STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS- AXIAL	-STRESS- BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
701	704	11		12.75	.370	.016	5,704		
			702 704	10.75	.360	.823	2,400	2,576	8,796
701	704	12		12.75	.370	1,855	8,011		
			702 704	10.75	.360	.021	.526	.443	8,796
701	704	13		12.75	.370	.207	5,793		
			702 704	10.75	.360	.813	2,331	2,513	8,796
701	702	10		12.75	.370	4,819	8,312		
			702 704	10.75	.360	.063	.640	.567	8,721
701	702	11		12.75	.370	3,989	6,995		
			702 704	10.75	.360	.823	2,400	2,576	8,796
701	702	12		12.75	.370	5,217	8,088		
			702 704	10.75	.360	.021	.526	.443	8,694
701	702	13		12.75	.370	4,641	6,898		
			702 704	10.75	.360	.813	2,331	2,513	8,796
802	803	802	10	14.00	.500	1,466	3,232		
			802 805	10.75	.360	1,282	4,227	3,263	9,344
802	803	802	11	14.00	.500	2,767	5,487		
			802 805	10.75	.360	.757	2,870	2,151	9,344
802	803	802	12	14.00	.500	1,853	3,269		
			802 805	10.75	.360	1,287	4,202	3,251	9,344
802	803	802	13	14.00	.500	3,187	5,475		
			802 805	10.75	.360	.752	2,829	2,124	9,344
803	805	805	10	14.00	.500	3,156	1,437		
			802 805	10.75	.360	1,282	4,227	3,263	9,344
803	805	805	11	14.00	.500	1,106	4,263		
			802 805	10.75	.360	.757	2,870	2,151	9,344
803	805	805	12	14.00	.500	3,011	1,447		
			802 805	10.75	.360	1,287	4,202	3,251	9,344

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-S T R E S S - AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
803	805	805	13	14.00	.500	1.083	4.288		
			802 805	10.75	.360	.752	2.629	2.124	9.344
805	806	805	10	14.00	.500	2.212	2.543		
			804 805	10.75	.360	1.224	4.389	3.327	9.344
805	806	805	11	14.00	.500	.271	1.008		
			804 805	10.75	.360	1.445	5.780	4.287	9.344
805	806	805	12	14.00	.500	2.063	2.424		
			804 805	10.75	.360	1.231	4.504	3.400	9.344
805	806	805	13	14.00	.500	.243	.640		
			804 805	10.75	.360	1.448	5.939	4.384	9.344
804	806	804	10	14.00	.500	4.407	3.911		
			804 805	10.75	.360	1.224	4.389	3.327	9.344
804	806	804	11	14.00	.500	4.234	1.503		
			804 805	10.75	.360	1.445	5.780	4.287	9.344
804	806	804	12	14.00	.500	4.020	3.963		
			804 805	10.75	.360	1.231	4.504	3.400	9.344
804	806	804	13	14.00	.500	4.093	1.436		
			804 805	10.75	.360	1.448	5.939	4.384	9.344
801	804	804	10	14.00	.500	3.945	6.189		
			802 804	10.75	.360	.041	.753	.475	9.344
801	804	804	11	14.00	.500	3.419	4.826		
			802 804	10.75	.360	.694	2.789	2.067	9.344
801	804	804	12	14.00	.500	3.561	6.298		
			802 804	10.75	.360	.067	.559	.373	9.344
801	804	804	13	14.00	.500	3.274	4.881		
			802 804	10.75	.360	.689	2.700	2.011	9.344
801	802	802	10	14.00	.500	.955	5.918		
			802 804	10.75	.360	.041	.753	.475	9.344

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS- AXIAL	-STRESS- BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
801	802	802	11	14.00	.500	2,748	5,605		
			802 804	10.75	.360	.694	2,789	2,067	9,344
801	802	802	12	14.00	.500	1,339	5,855		
			802 804	10.75	.360	.067	.559	.373	9,344
801	802	802	13	14.00	.500	3,169	5,578		
			802 804	10.75	.360	.689	2,700	2,011	9,344
902	903	902	10	16.00	.500	4,265	2,084		
			902 905	10.75	.360	1,192	3,742	2,921	7,915
902	903	902	11	16.00	.500	1,250	4,229		
			902 905	10.75	.360	.748	2,817	2,114	7,915
902	903	902	12	16.00	.500	3,952	2,139		
			902 905	10.75	.360	1,204	3,829	2,980	7,915
902	903	902	13	16.00	.500	.497	4,328		
			902 905	10.75	.360	.746	2,927	2,179	7,915
903	905	905	10	16.00	.500	7,801	.298		
			902 905	10.75	.360	1,192	3,742	2,921	7,915
903	905	905	11	16.00	.500	7,121	2,708		
			902 905	10.75	.360	.748	2,817	2,114	7,915
903	905	905	12	16.00	.500	7,284	.435		
			902 905	10.75	.360	1,204	3,829	2,980	7,915
903	905	905	13	16.00	.500	6,574	2,818		
			902 905	10.75	.360	.746	2,927	2,179	7,915
905	906	905	10	16.00	.500	7,069	2,382		
			904 905	10.75	.360	1,095	4,225	3,156	7,915
905	906	905	11	16.00	.500	6,449	.282		
			904 905	10.75	.360	1,333	6,107	4,420	7,915
905	906	905	12	16.00	.500	6,542	2,368		
			904 905	10.75	.360	1,111	4,405	3,273	7,915

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 87-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
905	906	905	13	16.00	.500	5.902	.364		
			904 905	10.75	.360	1.331	6.203	4.476	7.915
904	906	904	10	16.00	.500	3.572	3.349		
			904 905	10.75	.360	1.095	4.225	3.156	7.915
904	906	904	11	16.00	.500	6.386	1.682		
			904 905	10.75	.360	1.333	6.107	4.420	7.915
904	906	904	12	16.00	.500	3.256	3.397		
			904 905	10.75	.360	1.111	4.405	3.273	7.915
904	906	904	13	16.00	.500	6.515	1.691		
			904 905	10.75	.360	1.331	6.203	4.476	7.915
901	904	904	10	16.00	.500	3.227	5.204		
			902 904	10.75	.360	.089	1.213	.778	7.915
901	904	904	11	16.00	.500	5.751	4.285		
			902 904	10.75	.360	.604	2.900	2.083	7.915
901	904	904	12	16.00	.500	2.907	5.248		
			902 904	10.75	.360	.099	1.002	.657	7.915
901	904	904	13	16.00	.500	5.881	4.259		
			902 904	10.75	.360	.608	2.802	2.026	7.915
901	902	902	10	16.00	.500	4.683	4.449		
			902 904	10.75	.360	.089	1.213	.778	7.915
901	902	902	11	16.00	.500	1.288	4.512		
			902 904	10.75	.360	.604	2.900	2.083	7.915
901	902	902	12	16.00	.500	4.374	4.434		
			902 904	10.75	.360	.099	1.002	.657	7.915
901	902	902	13	16.00	.500	.552	4.536		
			902 904	10.75	.360	.608	2.802	2.026	7.915
1002	1003	1002	10	24.00	1.000	5.144	.663		
			1002 1005	12.75	.370	1.965	4.240	1.880	9.625

SAPC - CHEST OFFSHORE, INC, STRUCTURAL POSTPROCESSOR BY

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-S T R E S S - AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1002	1003 1002	11		24.00	1.000	3.503	1.256		
			1002 1005	12.75	.370	1.124	6.022	2.184	9.625
1002	1003 1002	12		24.00	1.000	5.005	.749		
			1002 1005	12.75	.370	1.986	4.658	2.015	9.625
1002	1003 1002	13		24.00	1.000	3.161	1.333		
			1002 1005	12.75	.370	1.147	6.477	2.331	9.625
1003	1005 1005	10		24.00	1.000	4.999	1.279		
			1002 1005	12.75	.370	1.965	4.240	1.880	9.625
1003	1005 1005	11		24.00	1.000	3.247	1.568		
			1002 1005	12.75	.370	1.124	6.022	2.184	9.625
1003	1005 1005	12		24.00	1.000	4.775	1.366		
			1002 1005	12.75	.370	1.986	4.658	2.015	9.625
1003	1005 1005	13		24.00	1.000	2.842	1.582		
			1002 1005	12.75	.370	1.147	6.477	2.331	9.625
1005	1006 1005	10		24.00	1.000	4.658	.949		
			1004 1005	12.75	.370	1.970	4.184	1.864	9.625
1005	1006 1005	11		24.00	1.000	5.357	.776		
			1004 1005	12.75	.370	2.286	5.778	2.447	9.625
1005	1006 1005	12		24.00	1.000	4.858	.898		
			1004 1005	12.75	.370	1.962	4.091	1.833	9.625
1005	1006 1005	13		24.00	1.000	5.276	.661		
			1004 1005	12.75	.370	2.273	6.093	2.541	9.625
1004	1006 1004	10		24.00	1.000	5.037	.817		
			1004 1005	12.75	.370	1.970	4.184	1.864	9.625
1004	1006 1004	11		24.00	1.000	5.461	1.128		
			1004 1005	12.75	.370	2.286	5.778	2.447	9.625
1004	1006 1004	12		24.00	1.000	5.135	.761		
			1004 1005	12.75	.370	1.962	4.091	1.833	9.625

SAPCHK - CHEST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1004	1006	1004	13	24.00	1.000	5.371	1.012		
			1004 1005	12.75	.370	2.273	6.093	2.541	9.625
1001	1004	1004	10	24.00	1.000	.010	1.741		
			1002 1004	12.75	.370	.008	6.988	2.157	9.625
1001	1004	1004	11	24.00	1.000	3.039	1.389		
			1002 1004	12.75	.370	1.147	5.971	2.173	9.625
1001	1004	1004	12	24.00	1.000	.234	1.710		
			1002 1004	12.75	.370	.009	7.476	2.308	9.625
1001	1004	1004	13	24.00	1.000	2.699	1.356		
			1002 1004	12.75	.370	1.168	6.197	2.251	9.625
1001	1002	1002	10	24.00	1.000	.313	1.680		
			1002 1004	12.75	.370	.008	6.988	2.157	9.625
1001	1002	1002	11	24.00	1.000	3.375	1.154		
			1002 1004	12.75	.370	1.147	5.971	2.173	9.625
1001	1002	1002	12	24.00	1.000	.101	1.676		
			1002 1004	12.75	.370	.009	7.476	2.308	9.625
1001	1002	1002	13	24.00	1.000	3.124	1.172		
			1002 1004	12.75	.370	1.168	6.197	2.251	9.625

END OF JOINT CHECK

END OF RUN - SAPCHK

SECTION 8.0

PILE-JACKET CONNECTION

8.1 INTRODUCTION

This section ascertains the capability of the pile-jacket connection at the top of the jacket of transferring both the axial load and the bending moment of the jacket to the pile. The following assumptions are made in this analysis:

1. The axial load is distributed to all six shims.

2. The resultant bending moment is taken out as a couple by two shims on each side of the 42 inch diameter pile.

3. The torsional moment is negligible.

4. The fillet weld area perpendicular to the applied load is more susceptible to fatigue crack than the fillet weld parallel to the load, and, therefore, is ignored in this analysis.

5. An E-70 electrode is used for welding with τ = 15.8 ksi or f = 11.2ω kips/inch.

Reference Drawings:

3016320 Jacket - Pile Shims and Leg Connection

CREST OFFSHORE, INC.

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE

Date 8-27-76 Job No. 27-771-96 Calculation PILE-JACKET CONNECTION

Sheet ___ of ___ 8.02

8.2 JACKET LOADS at Connection

50YR. STORM

JACKET MEMBER	LOAD CONDITION	(Fx) P (KIPS)	M_Y (IN.-KIPS)	M_Z (IN.-KIPS)	$\sqrt{M_Y^2+M_Z^2}$ M_R (IN.-KIPS)	(*) $M_R/42"\cdot 2$ (KIPS)	P/6 (KIPS)	(*)+(P/6) TOTAL LOAD (KIPS)
401-501	10	-15.56	1751.37	21495.26	21566.49	256.74	±2.59	259.33
	11	-1098.04	2717.22	17034.61	17249.96	205.36	±183.01	388.37
	12	160.92	-2260.39	-20956.69	21078.24	250.93	26.82	277.75
	13	1236.06	-3422.41	-15835.35	16200.96	192.87	206.01	398.88
403-503	10	-1863.41	2161.62	-12041.87	12234.35	145.65	±310.57	456.22
	11	-1127.35	3132.83	-18472.09	18735.83	223.05	±187.89	410.94
	12	2007.85	-2449.50	12191.53	12435.17	148.04	334.64	482.68
	13	1218.42	-3538.60	18348.54	18686.64	222.46	203.07	425.53
406-506	10	2097.82	-5723.67	-2271.13	6157.79	73.31	349.64	422.95
	11	2421.94	-6704.67	2400.05	7121.29	84.78	403.66	488.44 ←
	12	-1979.70	4910.44	2680.70	5594.51	66.60	±329.95	396.55
	13	-2235.46	6094.23	-1956.77	6400.67	76.20	±372.58	448.78

NOTE: TOTAL LOAD IS MAXIMUM LOAD ON ONE SHIM PLATE.

8.3 Jacket to Shim

Effective Weld = 1.75" − 0.125" = 1.625"

Allowable Load = 11.2 $^{K}/_{in^2}$ × 1.625" = 18.2 $^{K}/_{in}$

Slot Perimeter Req'd = $\frac{489^{K}}{18.2\ ^{K}/_{in}}$ = 26.9 in

Slot Perimeter = 2 × 13.5 = 27 in > 26.9 in ∴ OK

8.4 Shim to Pile

Shim Plate = 1.00" thick

Maximum Weld = 0.88"

Allowable Load = 11.2 $^{K}/_{in^2}$ × 0.88 = 9.8 $^{K}/_{in}$

Length Req'd = $\frac{489^{K}}{2(9.8\ ^{K}/_{in})}$ = 25.0 in < 31.0 in ∴ OK

By J. Talbot Client U.S. Navy Subject Design of 105' MLML Structure
Date 8-27-76 Job No. 27-771-01 Calculation Pile-Jacket Connection

8.5 Shim Stress

Shim Area = 18" x 1.00" = 18 in²

$$\frac{P}{A} = \frac{488^{k}}{18\ in^2} = 27.1\ ksi < 28.7\ ksi \quad \therefore OK$$

8.6 Jacket Leg Stress

Area of Jacket between Slots = 1.75" x 20" = 35 in²

$$\frac{P}{A} = \frac{488^{k}}{35\ in^2} = 14.0\ ksi < 28.7\ ksi \quad \therefore OK$$

SECTION 9.0

PILE ANALYSIS

9.1 INTRODUCTION

This section determines the pile penetration and pile schedules of Structure 3, Structure 4, and the insert piling that may be required for Structure 4.

The procedure to determine the pile penetration is identical in each case. First, the actual maximum pile loads are calculated. Then, these loads are used with the Pile Capacity Curves to establish the penetration required. Finally, the Pile Driving Resistance Curves are checked to insure that the piling can be driven to the desired penetration.

The pile schedules are devised to avoid any possible set-up problems while driving and to minimize field welding of the pile add-ons.

In addition, the P-Y curves for each site are included in this section. The P-Y curve for Site 4 (Structure 4) is used in Section 6.0 for the space frame analysis because it yields greater deflections.

The Pile Capacity Curves and the Pile Driving Resistance Curves are from the Foundation Analysis, Report No. 27-771-97.

Reference Drawings:

3016327 Jacket - Pile Details, Platform 3

3016328 Jacket - Pile Details, Platform 4

3016340 Insert Pile Details, Platform 4

9.2 PILE SUMMARY

Structure 3

Pile Axial Loads

Maximum Compressive Load	2,926 kips
Maximum Tension Load	1,985 kips

Piling Dimensions

Outside Diameter	42 in.
Penetration below Mudline (S.F.=1.50)	240 ft.
Penetration below Mudline (S.F.=1.35)	237 ft.
Maximum Wall Thickness	2.37 in.
Minimum Wall Thickness	2.00 in.

Conclusion

The pile schedule with 2.00 in. minimum wall thickness can be driven to the required penetration of 240 ft. to obtain a safety factor of 1.5. Equipment must be available to remove the internal plug should the need arise. No insert pile should be required.

By J. Talbot Client U.S. Navy Subject Design of 105' MLWL Structure
Date 9-1-76 Job No. 27-77L-96 Calculation Pile Analysis

9.3 Pile Loads - Structure 3

Maximum Computer Compressive Force = 2706 K
(Ref. Reactions, Ld. Cn. 11, Section 6.5, p 6.37)

Weight of Piling below Mudline

42"ϕ x 2.00"	200' x 0.854 K/ft =	171 K
42"ϕ x 2.37"	40' x 1.002 K/ft =	40 K
Splice Points	32' x 0.276 K/ft =	9 K
		220 K

Total Maximum Compressive Pile Load = 2926 K

Maximum Computer Tension Force = 2161 K
(Ref. Reactions, Ld. Cn. 14, Section 6.5, p. 6.39)

Weight of Piling below Mudline = 219 K

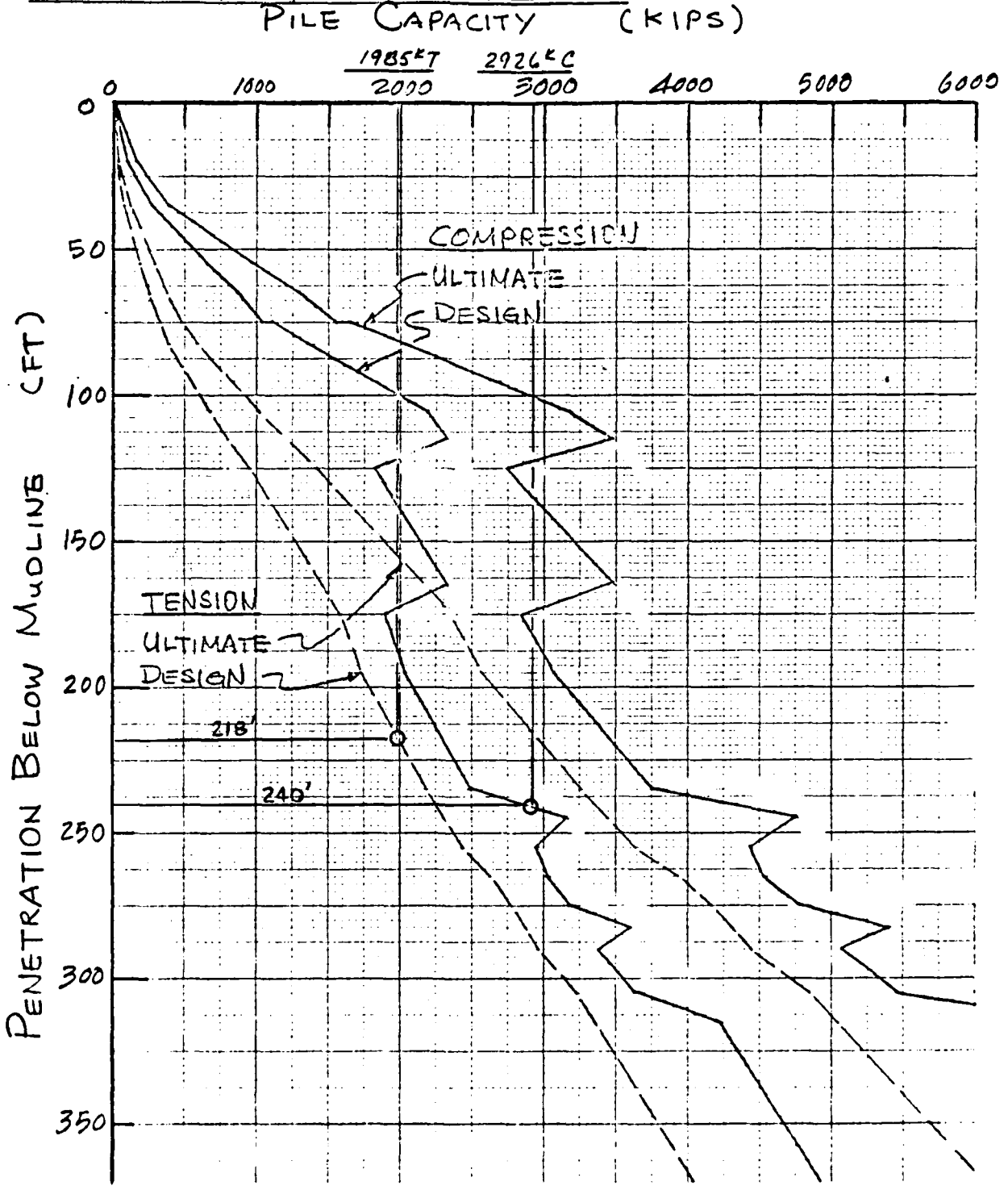
Live Load on Decks

Upper Deck - 0.42 K/ft x 29 ft	= 12 K
Equipment Deck - (1.50 K/ft)(14.5 ft) + (0.63 K/ft)(14.5 ft)	= 31 K
	43 K

Total Maximum Tension Pile Load

2161 K - 219 K + 43 K = 1985 K

9.4 Pile Capacity Curve - Structure 3



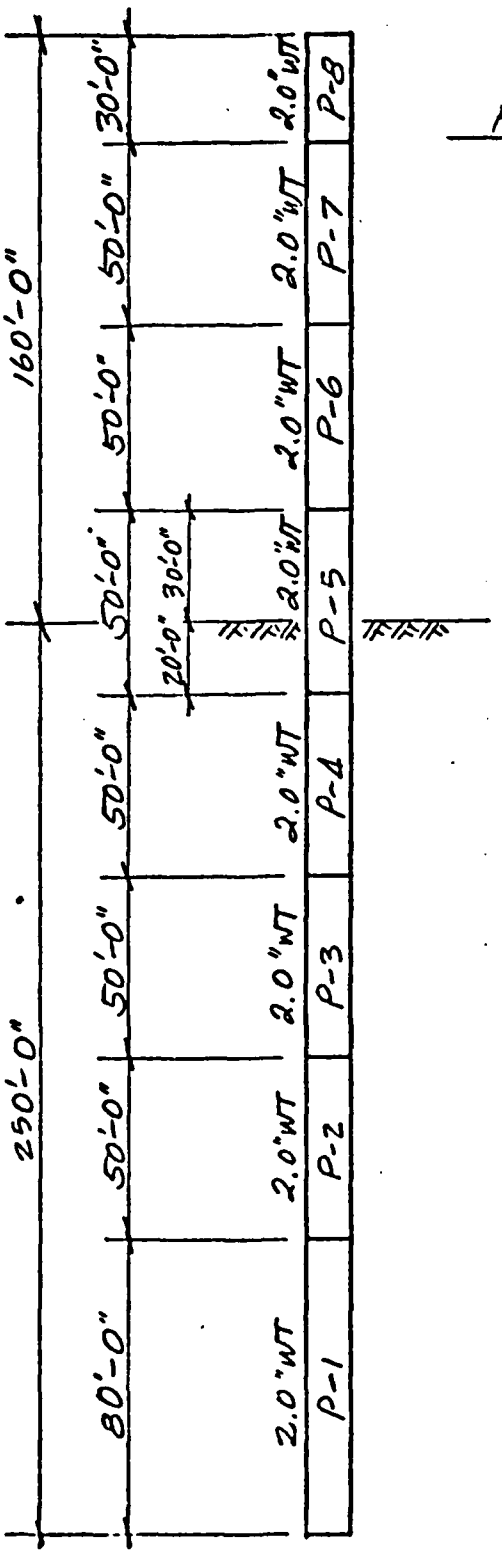
42-IN. DIAMETER PIPE PILES

(Boring # 3A)

9.5 Driving Resistance Curves - Structure 3

MLW = 105'-0"

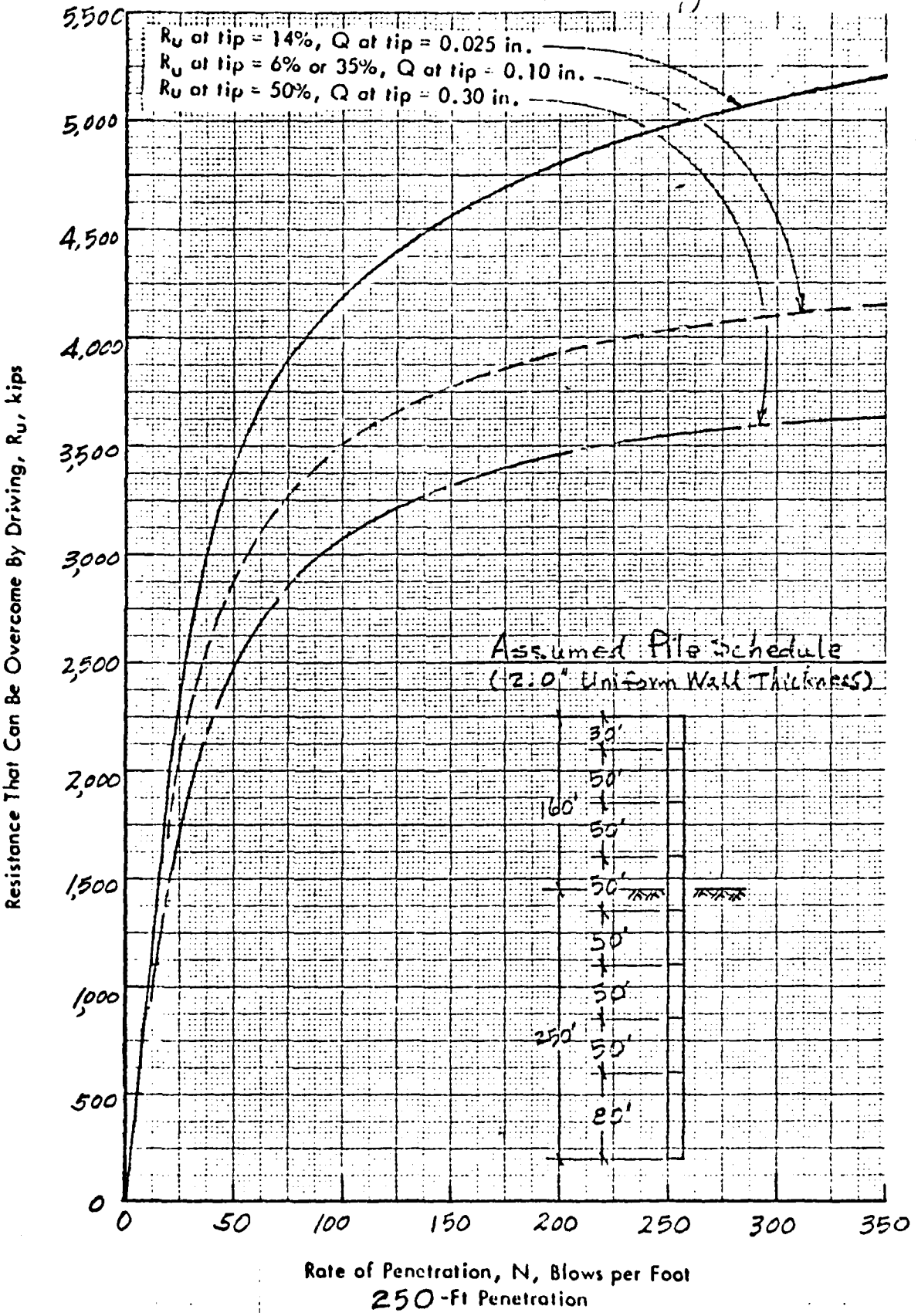
250 FT Penetration



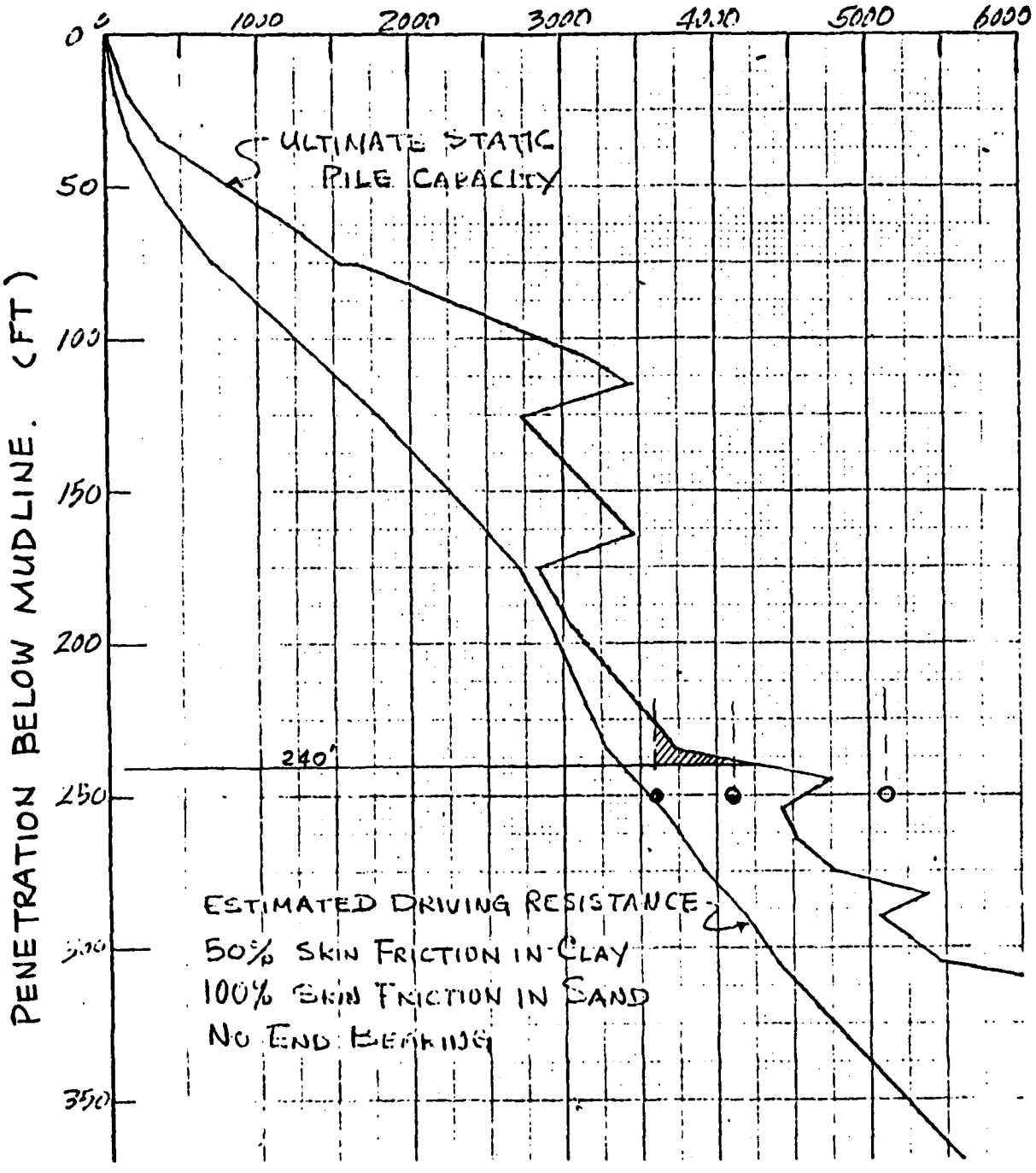
Pile Schedule used for Driving Resistance

Vulcan 560 Hammer
Wt. of Ram = 60,000 lbs
Rated Energy = 300,000 ft-lbs
Hammer Efficiency = 0.75
Wt. of Pile Cap = 42,000 lbs

Spring Constant = 6.2×10^6 lbs/in.
Damping Factor, side & tip, J = 0.15
Quake Factor, side, Q = 0.10
Quake Factor, tip, - See Above


R_u at tip = 14%, Q at tip = 0.025 in.
R_u at tip = 6% or 35%, Q at tip = 0.10 in.
R_u at tip = 50%, Q at tip = 0.30 in.
Assumed Pile Schedule
(2.0" Uniform Wall Thickness)
30'
50'
160'
50'
50'
50'
50'
250'
50'
85'
Resistance That Can Be Overcome By Driving, R_u, kips
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
0
50
100
150
200
250
300
350
Rate of Penetration, N, Blows per Foot
250-Ft Penetration

ULTIMATE STATIC PILE CAPACITY (KIPS)
ESTIMATED DRIVING RESISTANCE (KIPS)



2-in. Uniform Wall

(Boring #3A)

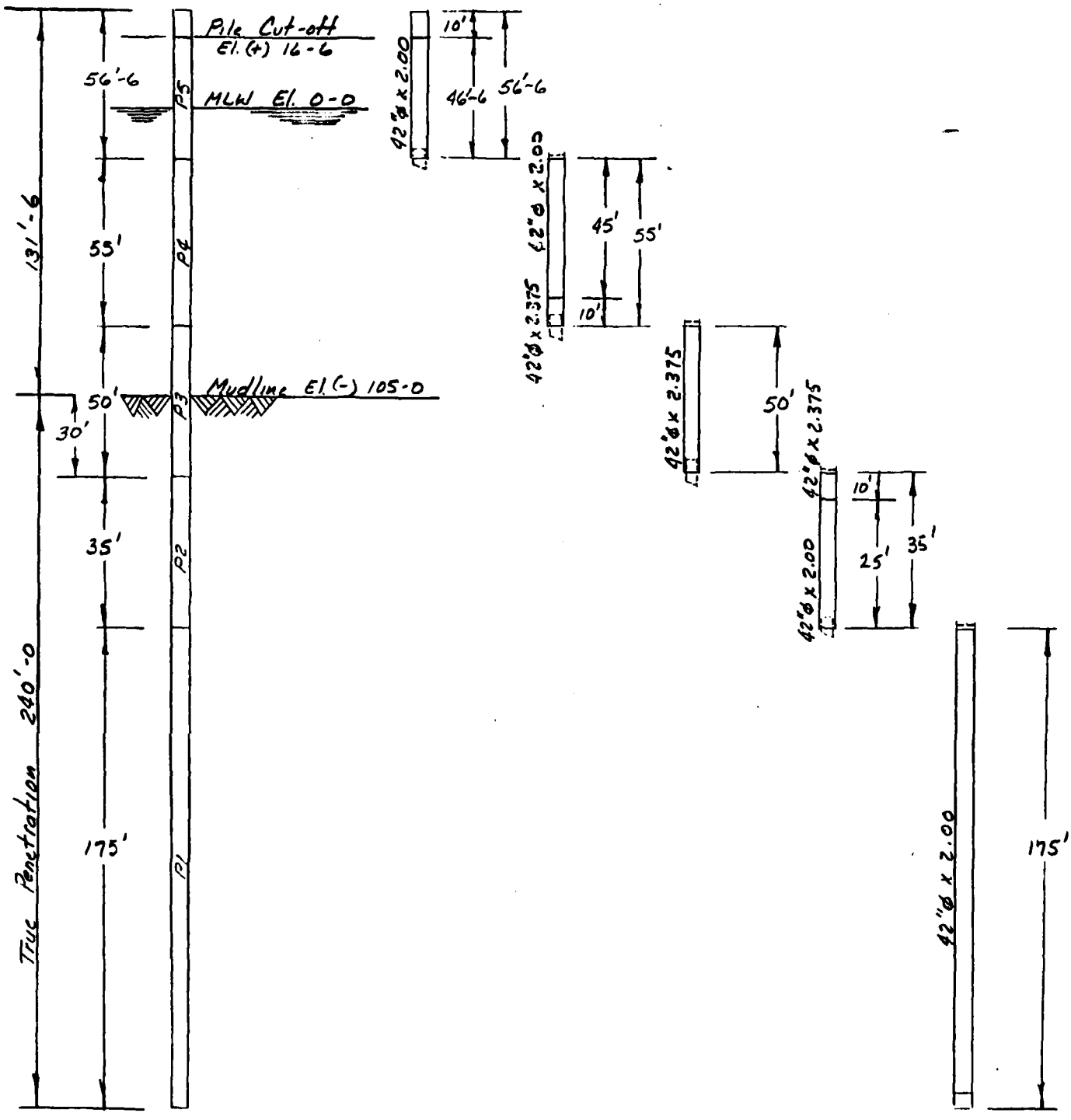
42-IN. DIAM. OPEN PIPE PILES

By V. Talbot Client U.S. Navy Subject Design of 105' MLW Structure

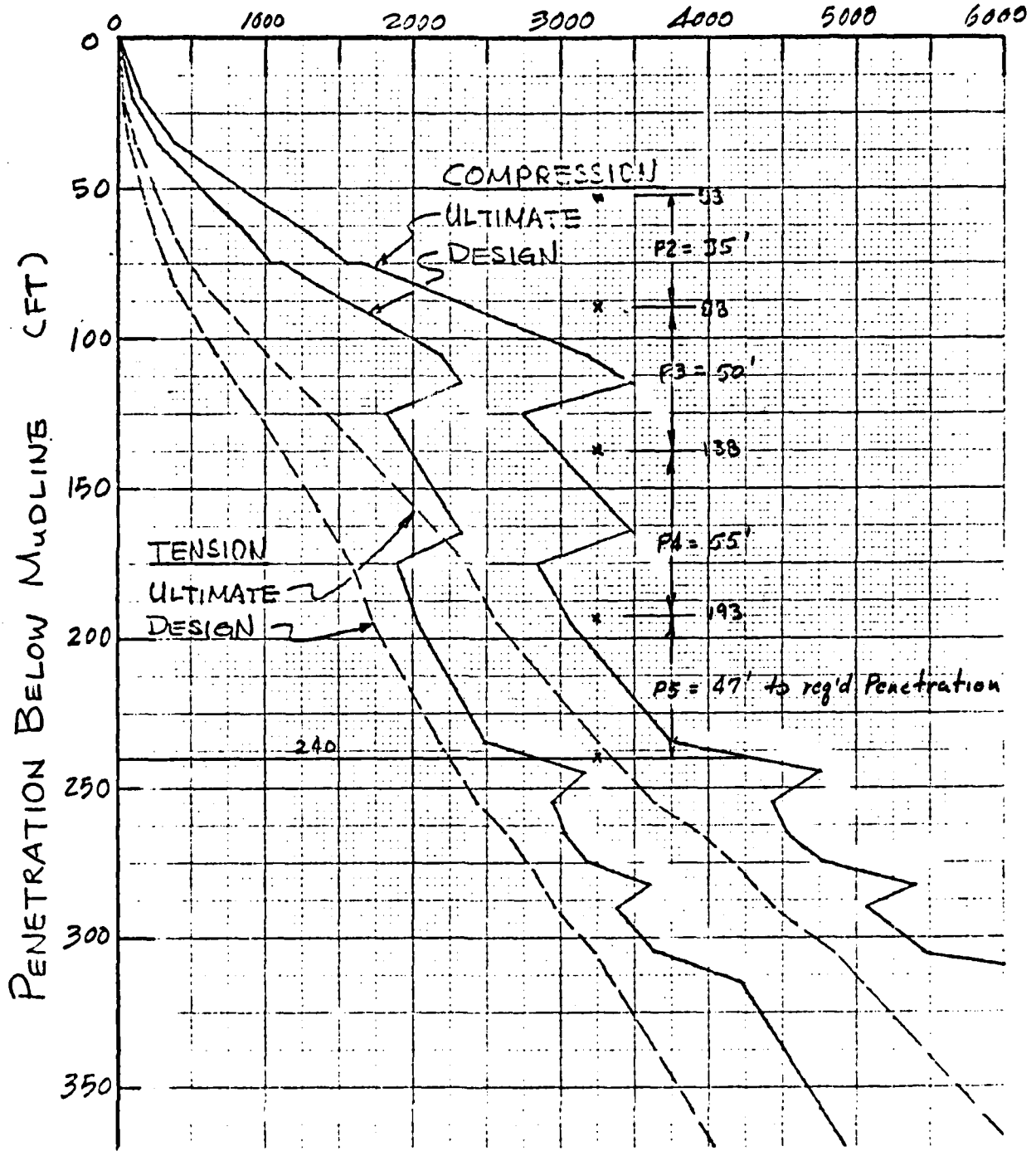
Date 8-23-76 Job No. 27-771-96 Calculation Pile Analysis

9.6 Pile Schedule - Structure 3

Site 3



PILE CAPACITY (KIPS)

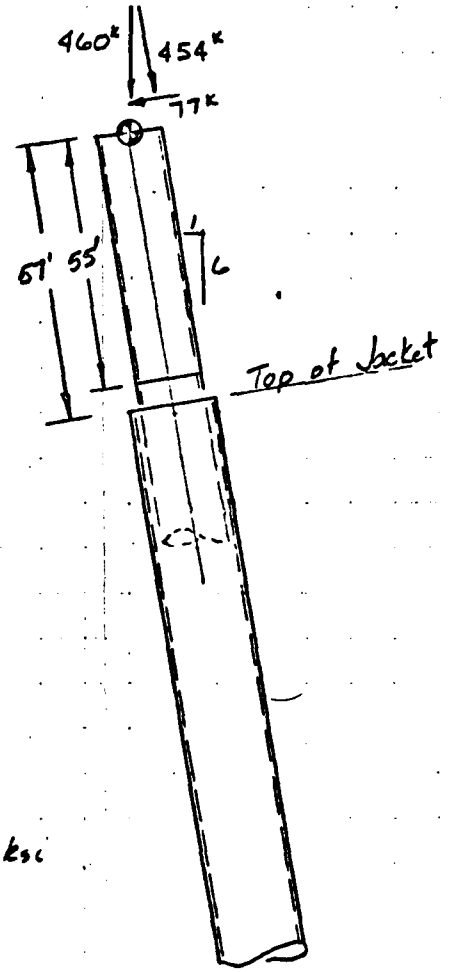


42-IN. DIAMETER PIPE PILES

(Boring # 3A)

By J. Talbot Client U.S. Navy Subject Design of 105' MLW Structure
Date 8-23-76 Job No. 27-771-96 Calculation Pile Analysis

Check Maximum Length of Pile Add-on -



Weight of Hammer w/ Leads = 230^k

Using an impact factor of 2.0,

Total Vertical Load = 460^k

Weight of Piling (42" x 2.375") = 0.084 k/in

Assume L = 57 ft. = 684 in

$$f_{b_{hammer}} = \frac{PL}{S} = \frac{77^k \times 684\,in}{2400\,in^3} = 22.0\ ksi$$

$$f_{b_{Piling}} = \frac{wl^2}{2S} = \frac{0.014\,k/in\,(684\,in)^2}{2 \times 2400\,in^3} = 1.4\ ksi$$

$$f_{b_{total}} = 23.4\ ksi$$

$$f_{a_{total}} = \frac{459^k}{251\,in^2} + \frac{0.084\,k/in\,(684)}{251\,in^2} = 2.0\ ksi$$

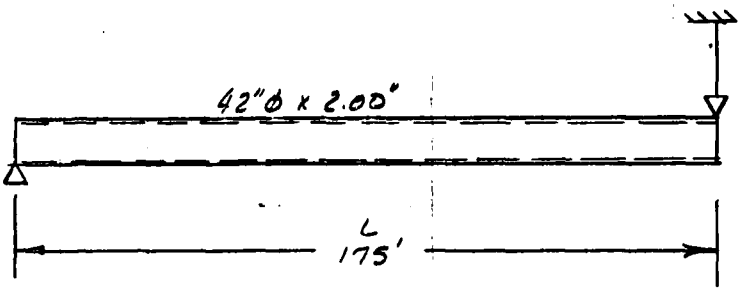
$$f_{total} = 22.0 + 1.4 + 2.0 = 25.4\ ksi < 30\ ksi$$

∴ OK

By J. Talbot Client U.S. Navy Subject Design of 105' MLW Structure

Date 8-23-76 Job No. 27-771-96 Calculation Pile Analysis

Check Maximum Length of Pile for Pick-up -



42"ϕ x 2.00" - $w = 0.859$ k/ft

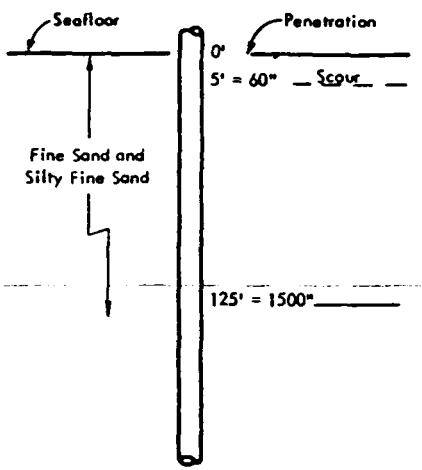
$$M_{max} = \frac{wl^2}{8} = 3270 \text{ ft-kips}$$

$$f_b = \frac{M}{S} = \frac{3270 \text{ ft-kips} \times 12}{2400 \text{ in}^3} = 16.3 \text{ ksi}$$

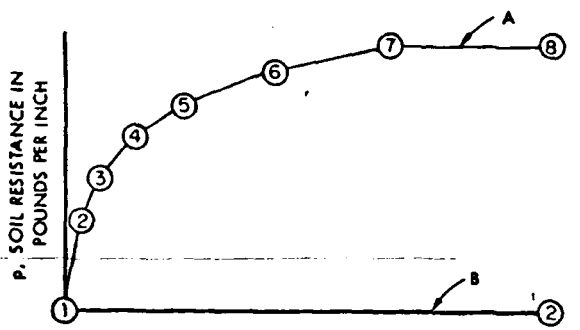
16.3 ksi < 21.6 ksi ∴ OK

42 — IN. DIAMETER PIPE PILES

Penetration, Inches	Typical Curve	Coordinates of Curve Points																	
		y1	P1	y2	P2	y3	P3	y4	P4	y5	P5	y6	P6	y7	P7	y8	P8	y9	P9
0 & 60	B	0	0	20.00	0														
96	A	0	0	0.020	88	0.095	123	0.25	150	0.41	168	0.70	188	1.58	237	20.00	237		
168	A	0	0	0.009	194	0.086	545	0.24	876	0.41	1121	0.70	1440	1.58	2273	20.00	2273		
288	A	0	0	0.017	612	0.093	1382	0.24	2200	0.41	2823	0.70	3644	1.58	5831	20.00	5831		
408	A	0	0	0.030	1534	0.10	2790	0.25	4267	0.42	5419	0.70	6950	1.58	11120	20.00	11120		
576	A	0	0	0.054	3877	0.13	5823	0.27	8395	0.43	10474	0.70	13280	1.58	21248	20.00	21248		
660	A	0	0	0.054	4443	0.13	6672	0.27	9619	0.43	12001	0.70	15217	1.58	24347	20.00	24347		
661	A	0	0	0.017	1388	0.093	3151	0.24	5019	0.41	6442	0.70	8315	1.58	13305	20.00	13305		
720	A	0	0	0.017	1512	0.093	3432	0.24	5467	0.41	7017	0.70	9058	1.58	14493	20.00	14493		
900	A	0	0	0.017	1890	0.093	4290	0.24	6834	0.41	8771	0.70	11322	1.58	18116	20.00	18116		
901	A	0	0	0.054	6065	0.13	9109	0.27	13132	0.43	16384	0.70	20774	1.58	33238	20.00	33238		
1200	A	0	0	0.054	8078	0.13	12131	0.27	17490	0.43	21821	0.70	27667	1.58	44268	20.00	44268		
1500	A	0	0	0.054	10097	0.13	15164	0.27	21862	0.43	27276	0.70	34584	1.58	55334	20.00	55334		



STRATIGRAPHY ASSLIMED FOR P-Y DATA



TYPICAL CURVES

P-Y DATA

BORING - 3A

McCLELLAND
DI ATE 3

9.8 PILE SUMMARY

Structure 4

Pile Axial Loads

Maximum Compressive Load	2,953 kips
Maximum Tension Load	1,957 kips

Piling Dimensions

Outside Diameter	42 in.
Penetration below Mudline (S.F.=1.50)	270 ft.
Penetration below Mudline (S.F.=1.35)	235 ft.
Maximum Wall Thickness	2.37 in.
Minimum Wall Thickness	2.00 in.

Conclusion

The pile schedule with 2.00 in. minimum wall thickness may be able to be driven to the required 270 ft. penetration required to obtain the preferred safety factor of 1.5. The likelihood exists, however, that insert piling may be required. Also, equipment should be available to remove the internal plug by a controlled jetting and driving procedure should the need arise.

By V. Talbot Client U.S. Navy Subject Design of 105' MLR Structure
Date 9-1-76 Job No. 27-771-96 Calculation Pile Analysis

9.9 Pile Loads - Structure 4

Maximum Computer Compressive Force = 2706 K
(Ref. Reactions, Ld. Cn 11, Section 6.5, p. 6.37)

Weight of Piling below Mudline

42"ϕ x 2.00" -	220' x 0.854 K/ft	=	188 K
42"ϕ x 2.37" -	50' x 1.002 K/ft	=	50 K
Splice Points -	32' x 0.276 K/ft	=	9 K
			247 K

Total Maximum Compressive Pile Load = 2953 K

Maximum Computer Tension Force = 2161 K
(Ref. Reactions, Ld. Cn 14, Section 6.5, p 6.39)

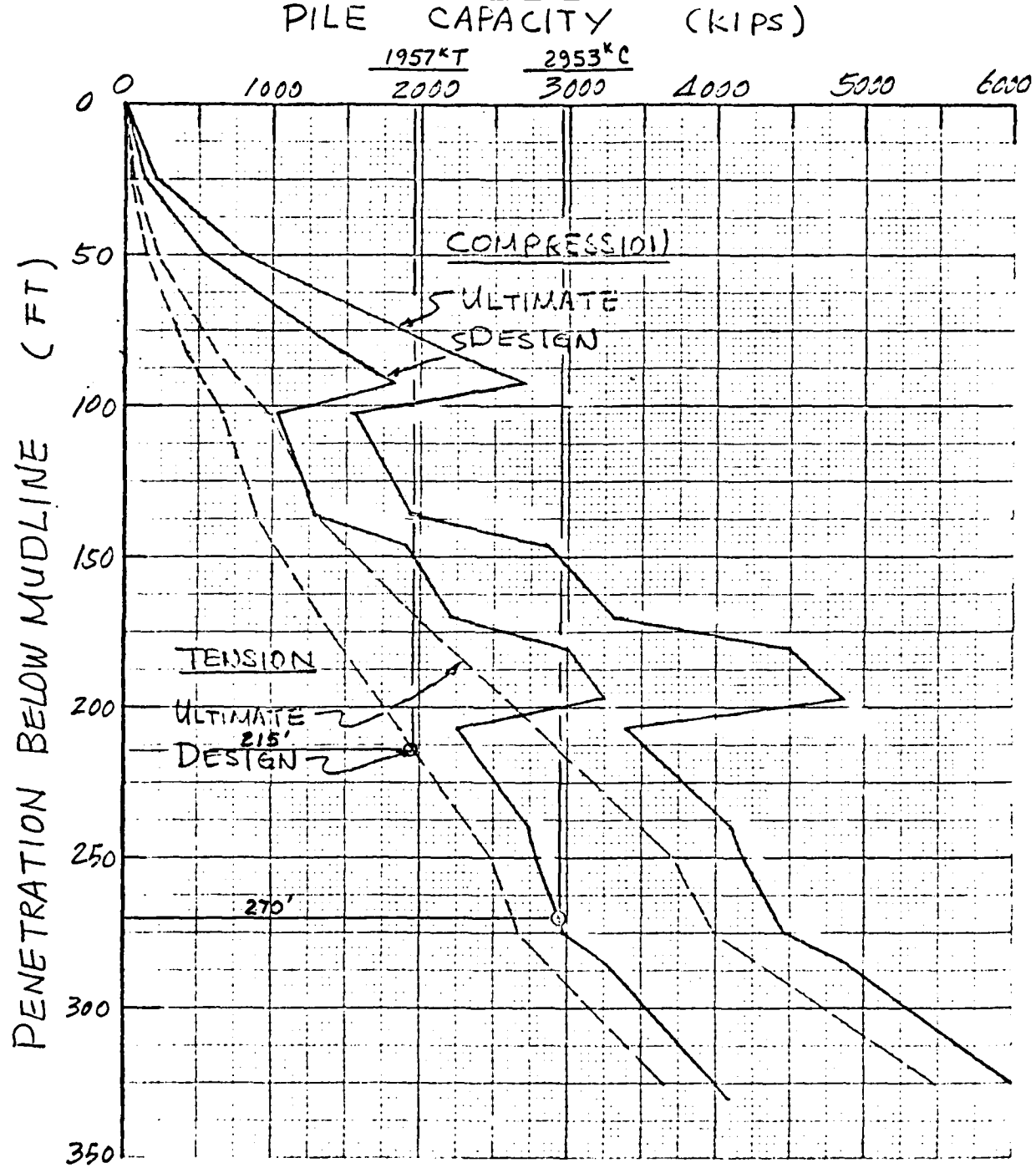
Weight of Piling below Mudline

Live Load on Decks
Upper Deck - 0.42 K/ft x 29 ft = 12 K
Equipment Deck - (1.50 K/ft)(16.5 ft) + (0.63 K/ft)(16.5 ft) = 31 K
43 K

Total Maximum Tension Pile Load

2161 K - 247 K + 43 K = 1957 K

9.10 Pile Capacity Curve - Structure 4



42-IN. DIAMETER PIPE PILES

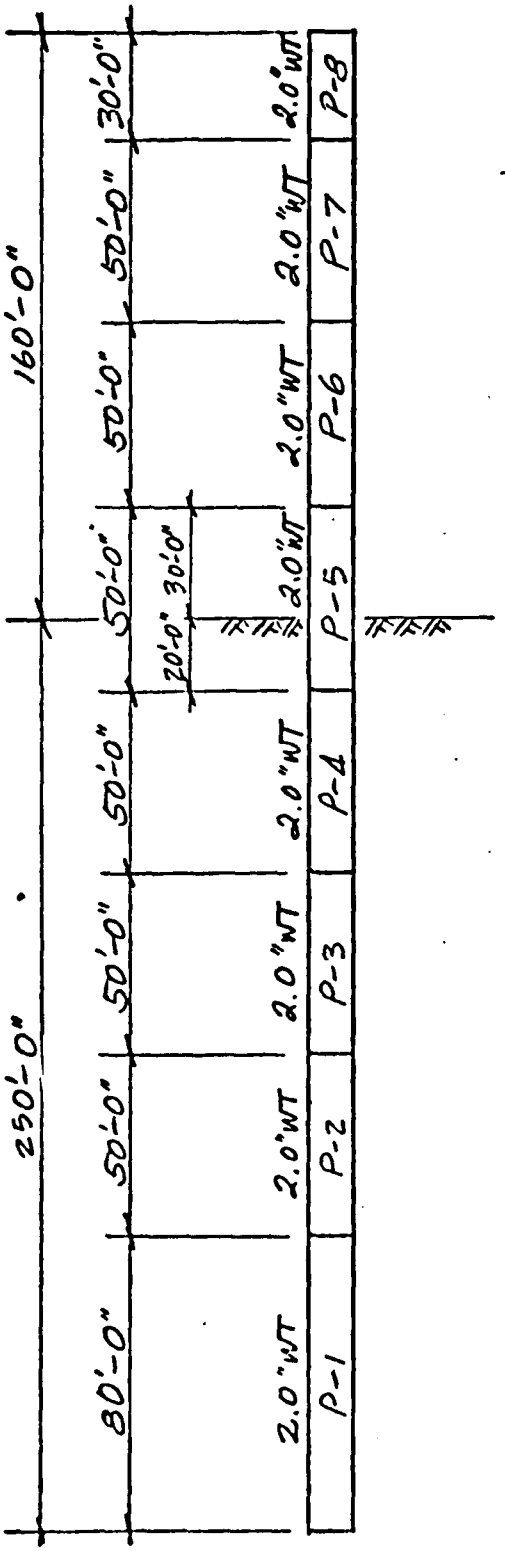
(Boring #4)

By C. Clerk Client U.S. NAVY Subject Foundation Analysis
Date 6-25-76 Job No. 27-771-01 Calculation Pile Driving Resistance Curves

9.11 Driving Resistance Curves - Structure 4

MLW = 105'-0"

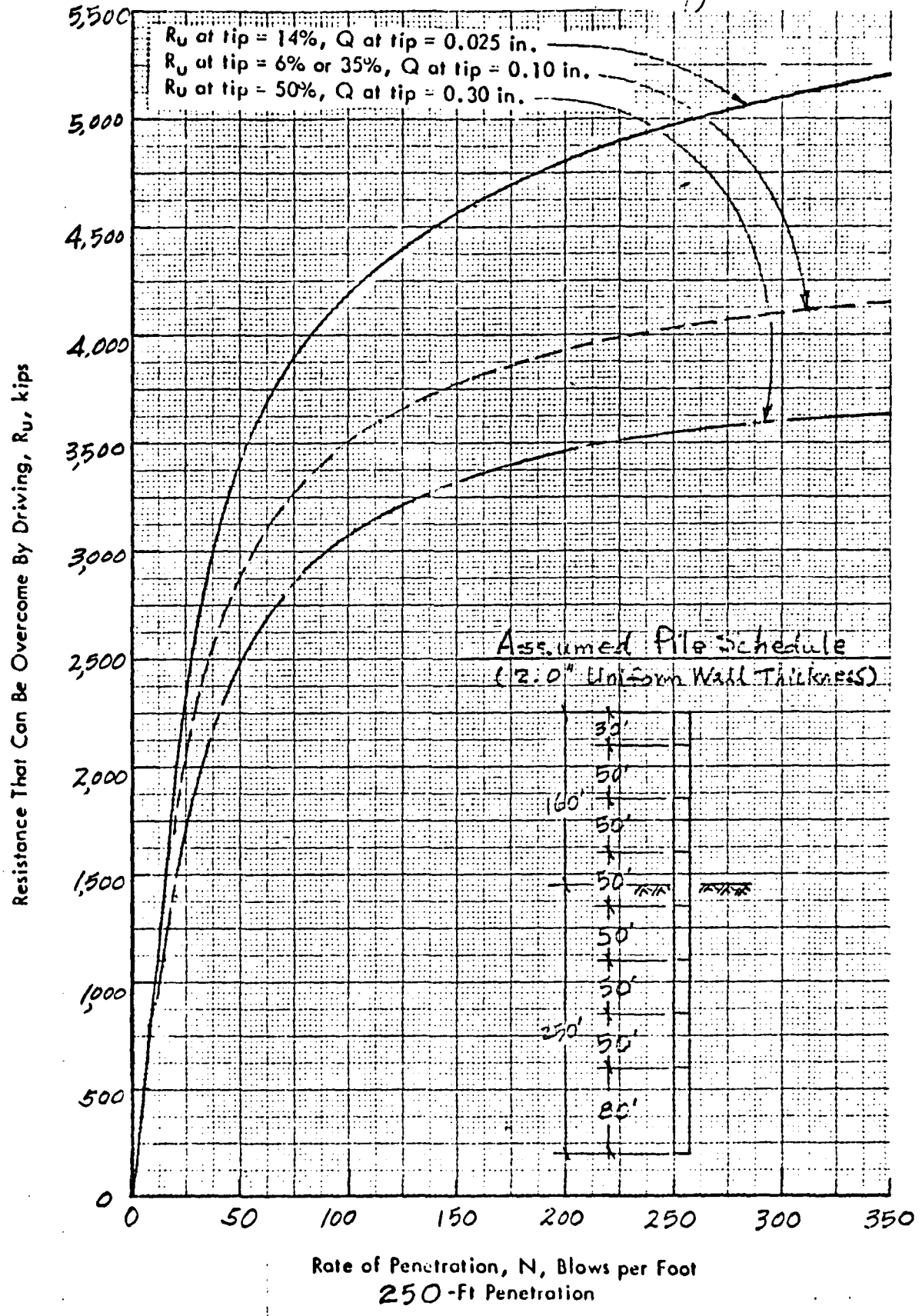
250 FT Penetration



Pile Schedule used for Driving Resistance

Vulcan 560 Hammer
Wt. of Ram = 60,000 lbs
Rated Energy = 300,000 ft-lbs
Hammer Efficiency = 0.75
Wt. of Pile Cap = 42,000 lbs

Spring Constant = 6.2×10^6 lbs/in.
Damping Factor, side & tip, J = 0.15
Quake Factor, side, Q = 0.10
Quake Factor, tip, - See Above


R_u at tip = 14%, Q at tip = 0.025 in.
R_u at tip = 6% or 35%, Q at tip = 0.10 in.
R_u at tip = 50%, Q at tip = 0.30 in.
Assumed Pile Schedule
(2.0" Uniform Wall Thickness)
30'
50'
160'
50'
50'
50'
50'
250'
50'
80'
Resistance That Can Be Overcome By Driving, R_u, kips
5,500
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
0
50
100
150
200
250
300
350
Rate of Penetration, N, Blows per Foot
250-Ft Penetration

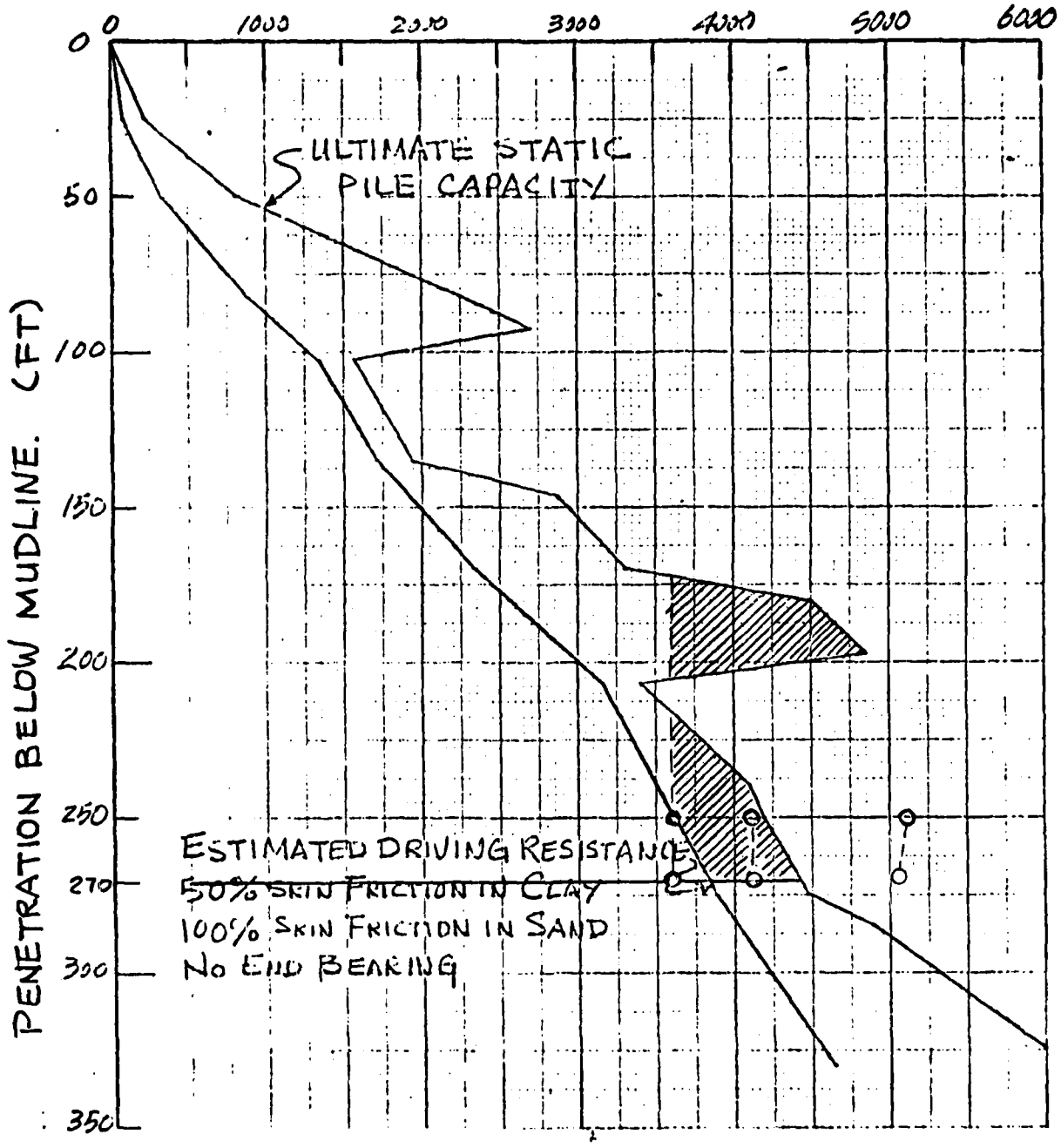
CREST OFFSHORE, INC.

Sheet 358 of ____

By C. Chern Client U.S. NAVY Subject Foundation Analysis

Date 6-28-76 Job No. 27-77L-01 Calculation Pile Driving Resistance Curves

ULTIMATE STATIC PILE CAPACITY (KIPS)
ESTIMATED DRIVING RESISTANCE (KIPS)



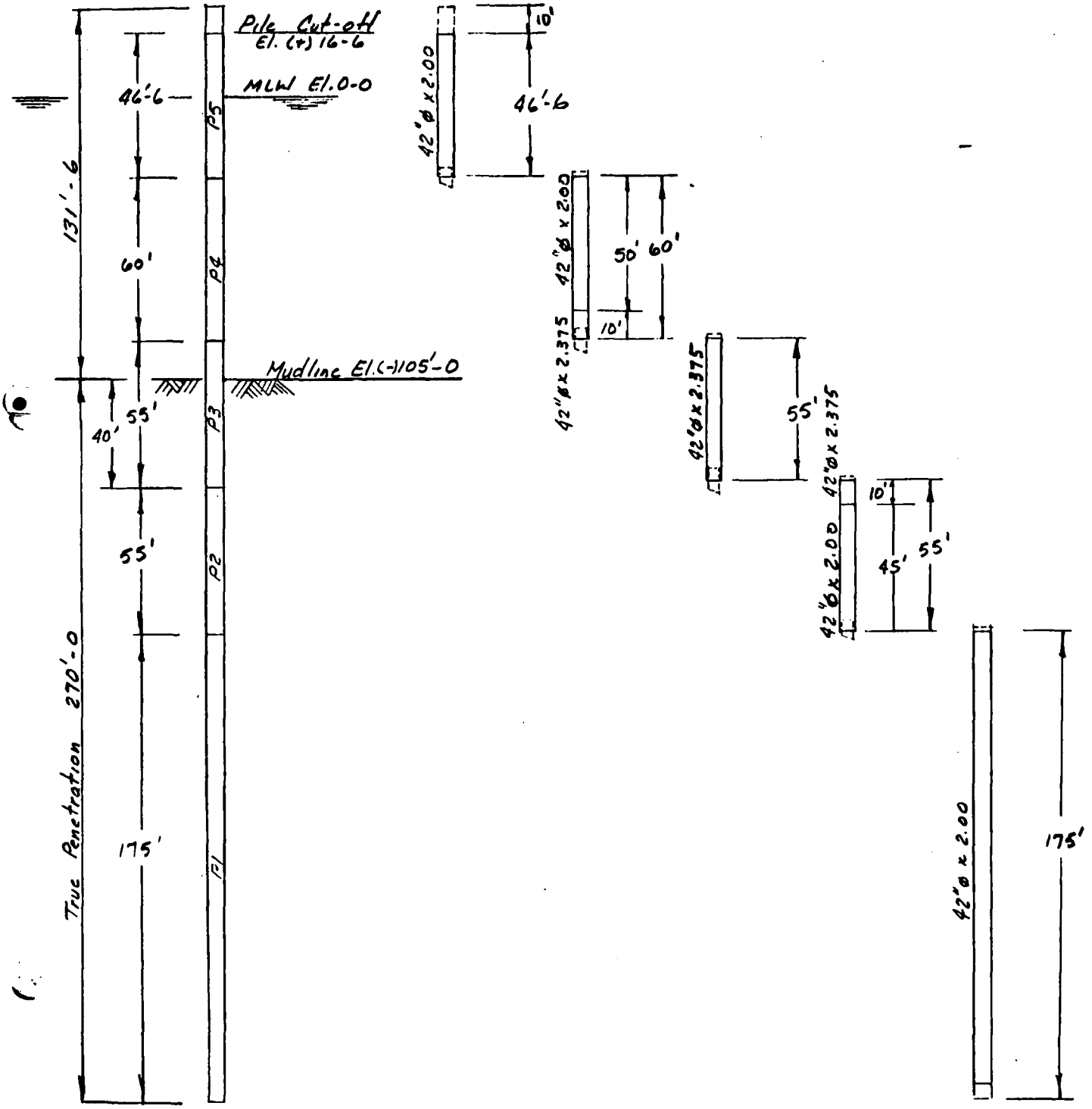
2-in. Uniform Wall

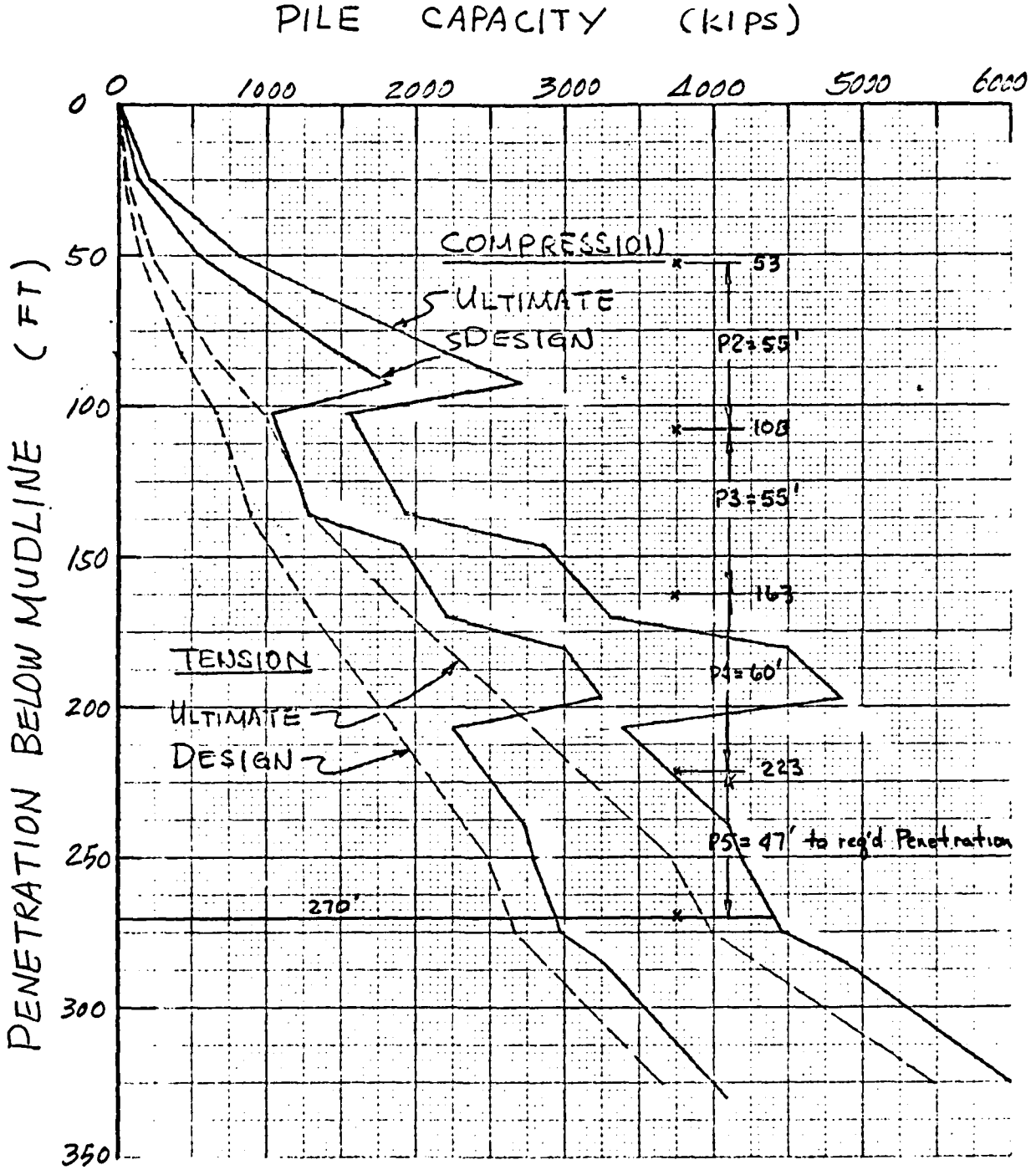
(Boring #1-)

42-in. DIAMETER PIPE PILES

9.12 Pile Schedule - Structure 4

Site #4

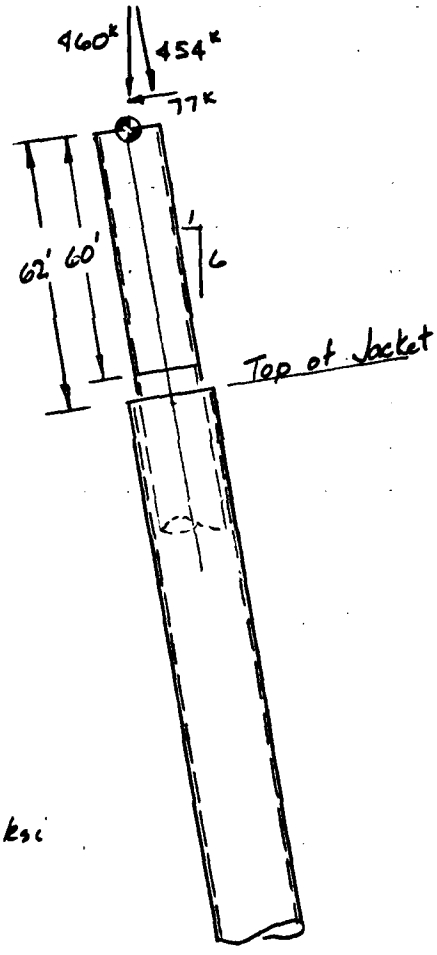




42-IN. DIAMETER PIPE PILES

(Boring #4)

Check Maximum Length of Pile Add-on -



Weight of Hammer w/ Leads = 230 K

Using an impact factor of 2.0,

Total Vertical Load = 460 K

Weight of Piling (42" x 2.375") = 0.084 K/in

Assume $L = 62 \text{ ft} = 744 \text{ in}$

$$f_{b_{hammer}} = \frac{PL}{S} = \frac{77^K \times 744_{in}}{2400 \text{ in}^3} = 23.9 \text{ ksi}$$

$$f_{b_{Piling}} = \frac{wl^2}{2S} = \frac{0.019 \text{ K/in } (744_{in})^2}{2 \times 2400 \text{ in}^3} = 1.6 \text{ ksi}$$

$$f_{b_{total}} = 25.5 \text{ ksi}$$

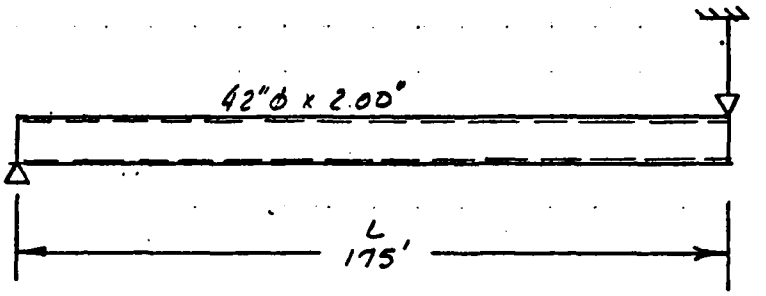
$$f_{a_{Total}} = \frac{459^K}{251 \text{ in}^2} + \frac{0.084 \text{ K/in } (744)}{251 \text{ in}^2} = 2.0 \text{ ksi}$$

$$f_{total} = 23.9 + 1.6 + 2.0 = 27.5 \text{ ksi} < 30 \text{ ksi}$$

∴ OK

By J. Talbot Client U.S. Navy Subject Design of 105' MLW Structure
Date 8-23-76 Job No. 27-771-96 Calculation Pile Analysis

Check Maximum Length of Pile for Pick-up -



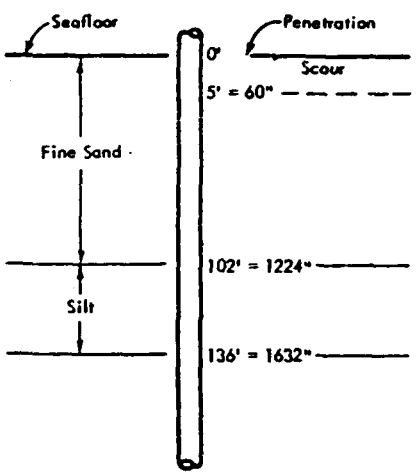
42"ϕ x 2.00" - $w = 0.859$ k/ft

$$M_{max} = \frac{wl^2}{8} = 3270 \text{ ft-kips}$$

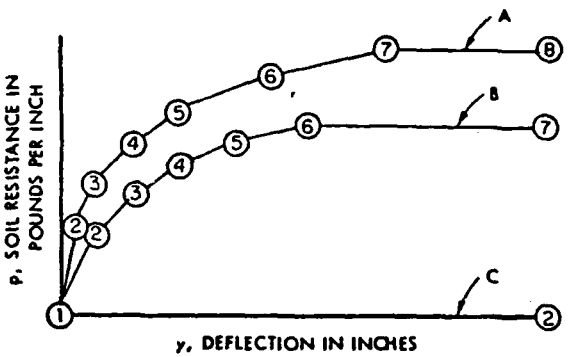
$$f_b = \frac{M}{S} = \frac{3270 \text{ ft-kips} \times 12}{2400 \text{ in}^3} = 16.3 \text{ ksi}$$

16.3 ksi < 21.6 ksi ∴ OK

42 — IN. DIAMETER PIPE PILES																			
Penetration, Inches	Typical Curve	Coordinates of Curve Points																	
		y1	p1	y2	p2	y3	p3	y4	p4	y5	p5	y6	p6	y7	p7	y8	p8	y9	p9
0 & 60	C	0	0	20.00	0														
96	A	0	0	0.050	107	0.12	129	0.27	153	0.43	169	0.70	188	1.58	237	20.00	237		
168	A	0	0	0.036	366	0.11	611	0.26	906	0.42	1136	0.70	1440	1.58	2274	20.00	2274		
288	A	0	0	0.070	1204	0.14	1681	0.28	2347	0.43	2895	0.70	3644	1.58	5831	20.00	5831		
408	A	0	0	0.12	3021	0.19	3693	0.32	4742	0.46	5659	0.70	6950	1.58	11120	20.00	11120		
576	A	0	0	0.22	7634	0.27	8468	0.38	9913	0.50	11273	0.70	13280	1.58	21248	20.00	21248		
816	A	0	0	0.22	10816	0.27	11997	0.38	14043	0.50	15970	0.70	18814	1.58	30102	20.00	30102		
1224	A	0	0	0.22	16223	0.27	17995	0.38	21064	0.50	23954	0.70	28221	1.58	45153	20.00	45153		
1225 & 1632	B	0	0	0.075	967	0.19	1313	0.47	1781	1.18	2418	2.94	3281	20.00	3281				



STRATIGRAPHY ASSUMED FOR P-Y DATA



TYPICAL CURVES

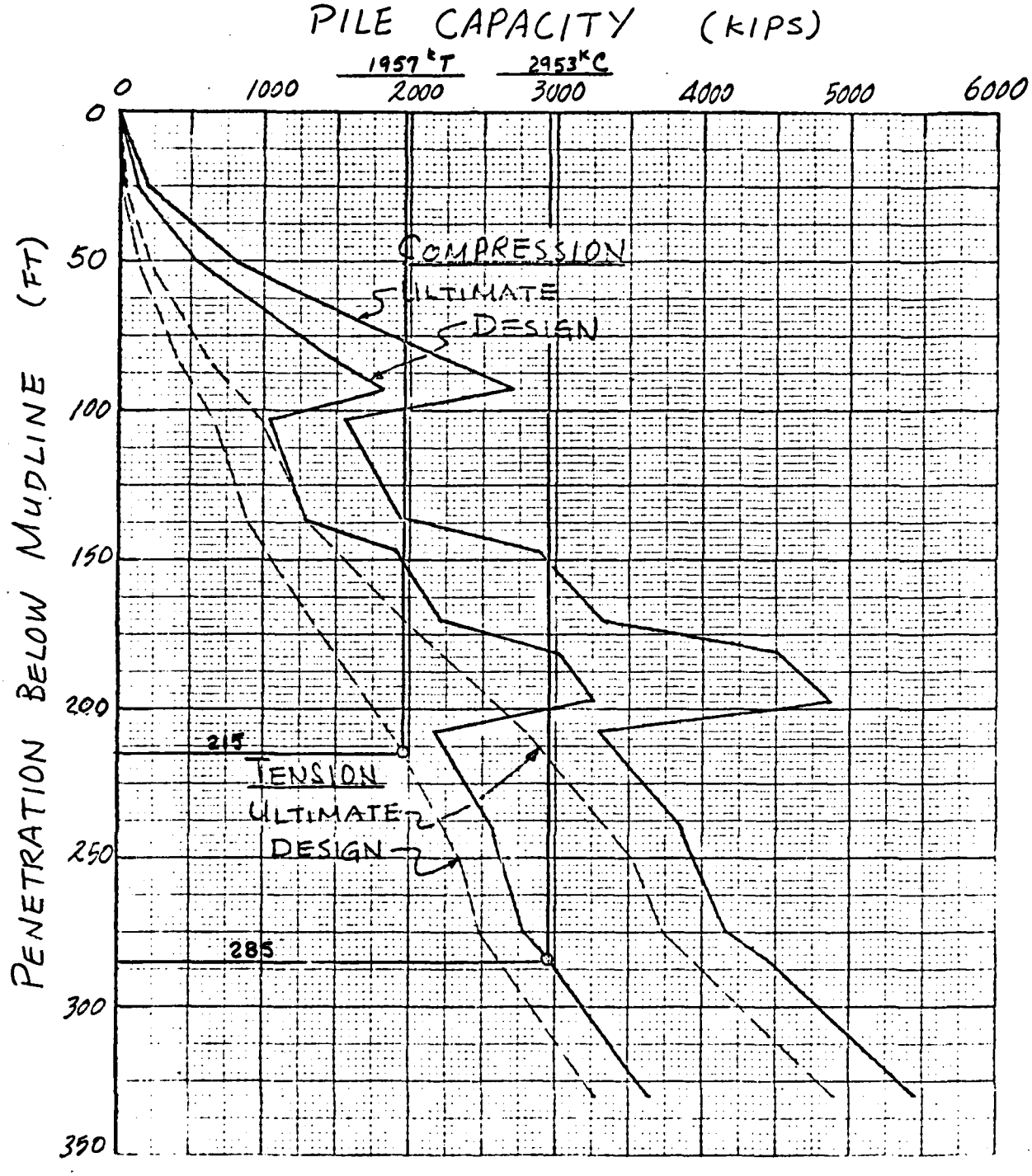
P-Y DATA

BORING 4

McCLELLAND ENGINEERS

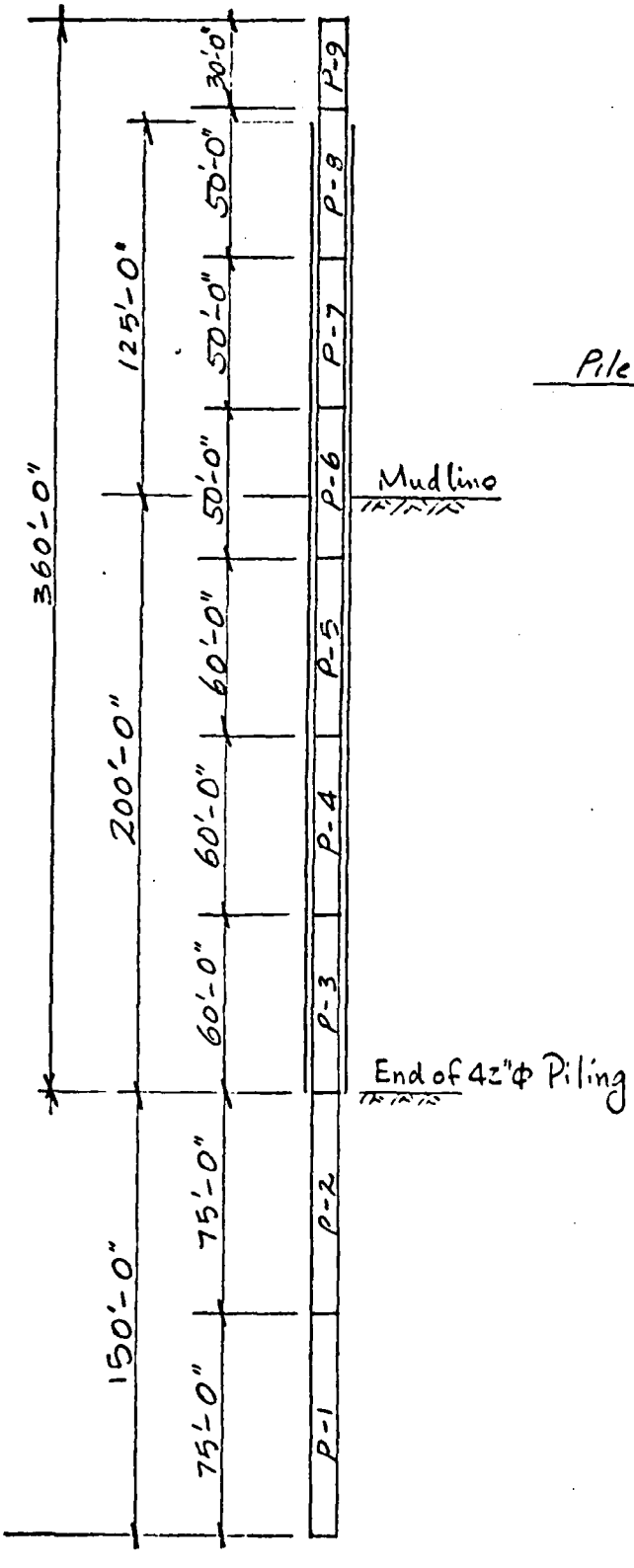
By J. Talbet Client U.S. Navy Subject Design of 105' MLW Structure
Date 8-31-76 Job No. 27-771-96 Calculation Pile Analysis

9.14 Insert Piles - Structure 4



42-IN. DIAMETER PIPE PILES
(200 FT PENETRATION)
W/ 33-IN DIAMETER INSERTED PILES

(Boring #4)



MLW = 105'-0"

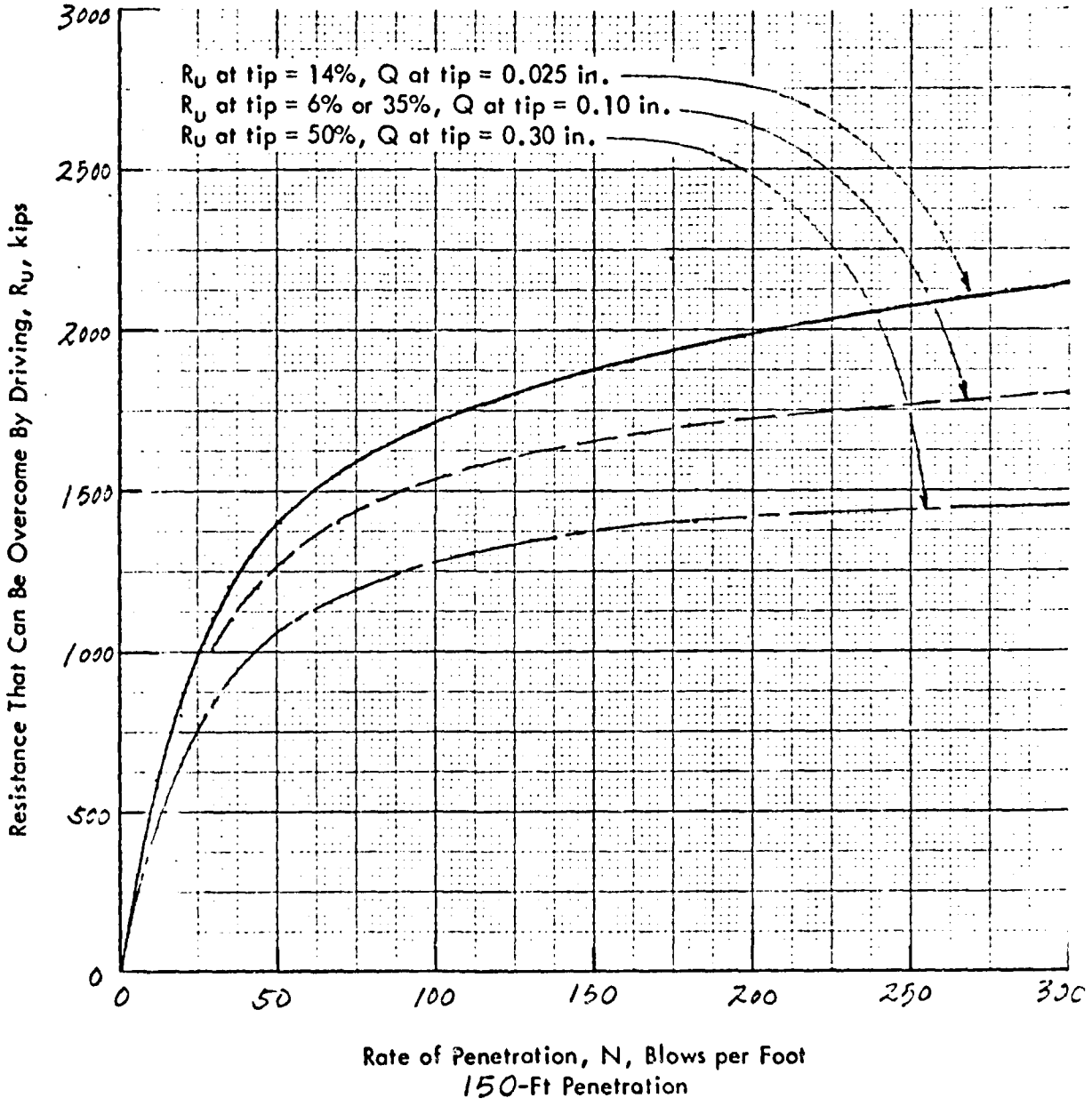
42"Φ Piling at 200 FT Penetration

33"Φ Piling at 150 FT Penetration

Pile Schedule used for Driving Resistance

Vulcan 040 Hammer
Wt. of Ram = 40,000 lbs
Rated Energy = 120,000 ft-lbs
Hammer Efficiency = 0.75
Wt. of Pile Cap = 27,800 lbs

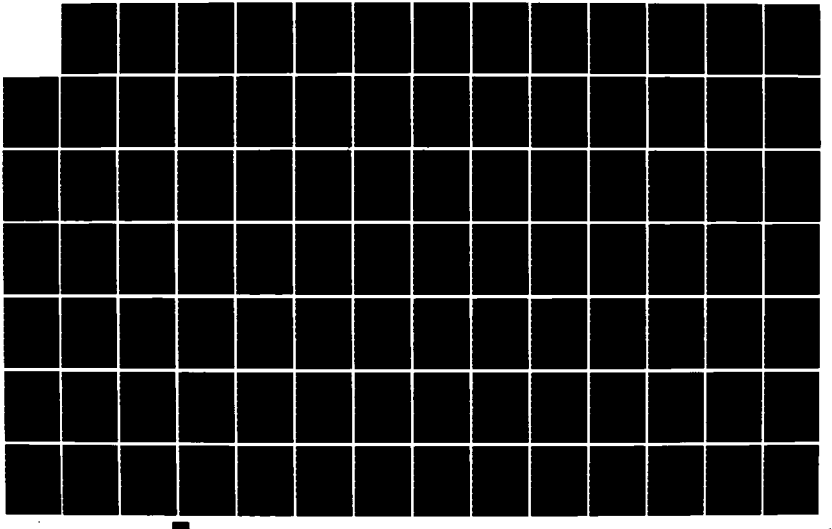
Spring Constant = 2.78×10^6 lbs/in.
Damping Factor, side & tip, J = 0.15
Quake Factor, side, Q = 0.10 in.
Quake Factor, tip, - See Above

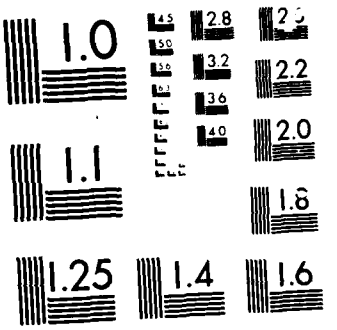


33-IN. DIAMETER INSERTED PILING

AD-A165 690 DESIGN CALCULATIONS 185' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 3/11

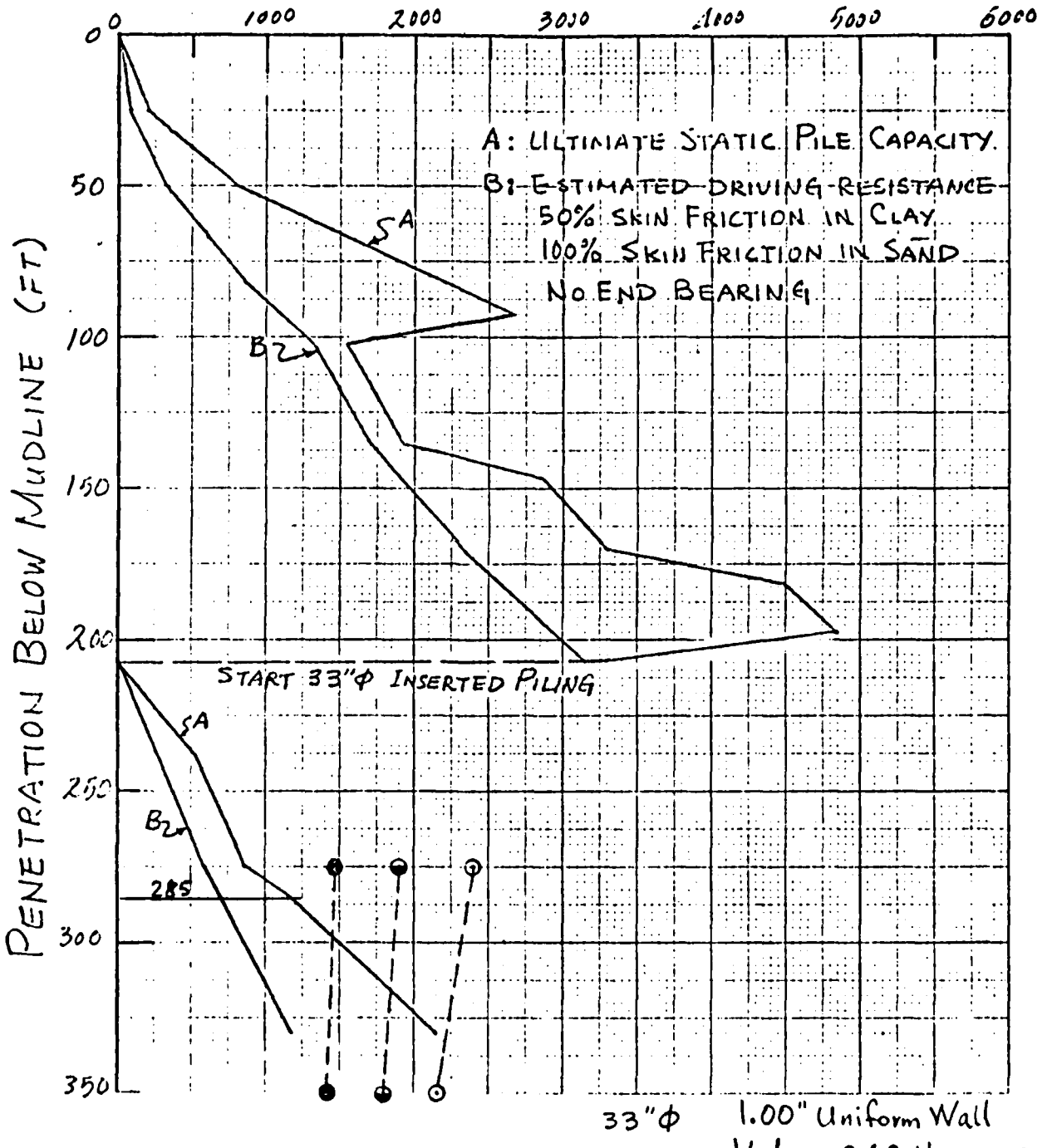
UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

ULTIMATE STATIC PILE CAPACITY (KIPS)
ESTIMATED DRIVING RESISTANCE (KIPS)



33"φ 1.00" Uniform Wall
Vulcan 040 Hammer

42-IN. DIAMETER PIPE PILES (200 FT PENETRATION)

33-IN. DIAMETER INSERTED PILES

(Boring #1)

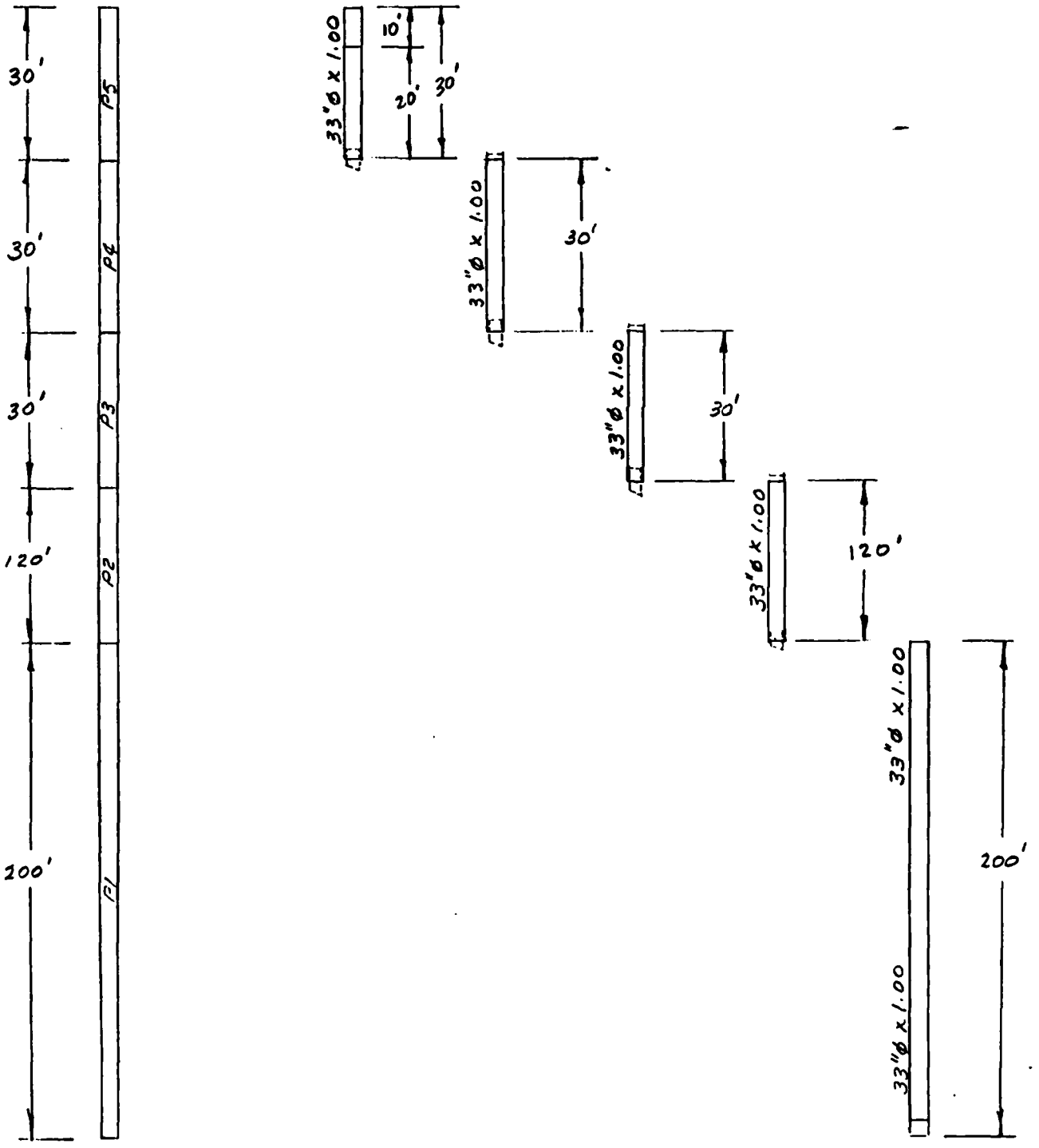
CREST OFFSHORE, INC.

Sheet ___ of ____

By V. Talbot Client U.S. Navy Subject Design of 105' MLW Structure
Date 8-31-76 Job No. 27-771-96 Calculation Pile Analysis

Pile Schedule - Insert Piling - Structure 4

Insert Piling - Site 4



SECTION 10.0

INSTALLATION ANALYSES

10.1 INTRODUCTION

This section contains the analyses considered pertinent to the installation of the structure.

Section 10.2 includes the check of the stresses on the structural members at the mudline due to the soil pressure on the jacket before the piling can be attached to the jacket.

Section 10.3 is the analysis of the recommended lifting eyes for the jacket lift. For the analysis of the recommended lifting eyes for the superstructure, refer to Report No. 27-771-98.

Section 10.4 is the lift analysis for the jacket. The computer output for the analysis is in Appendix B.8. For the lift analysis of the superstructure, refer to Report No. 27-771-98.

Section 10.5 contains the floatation analysis for the jacket.

Reference Drawings:

3016315	Jacket - Elevations
3016316	Jacket - Plan at El. (+) 12'-0"
3016317	Jacket - Plan at El. (-) 13'-0" & (-) 41'-0"
3016318	Jacket - Plan at El. (-) 73'-0" & (-) 105'-0"
3016322	Jacket - Lift Eye Details

By J. Talbot Client U.S. Navy Subject Design of 105' MLW Structure
Date 9-1-76 Job No. 27-771-96 Calculation Soil Pressure on Structure

10.2 Soil Pressure on Structure

Weight of Jacket	-	374.7 k	(Section 12.3, p. 12.07)
Weight of Anodes	-	16.0 k	(0.845 k x 18)
Weight of Pile String	-	149.5 k	(175' x 0.854 k/ft)
		540.2 k	

Buoyancy of Jacket In-place - 170.2 k
(Ref. Section 10.5, p 10.26)

Net Weight = 370.0 k

Projected Area of Structural Members -
(⅓ of Plan)

64' (20"Ø) = 106.7 ft²
32' (14"Ø) = 37.3 ft²
144.0 ft²

Pressure on Structural Members -

$$P = \frac{\frac{1}{3}\,370.0^{k}}{144.0\ ft^2} = 0.85\ k/ft^2$$

By J. Talbot Client U.S. Navy Subject Design of 105' MLW Structure
Date 9-1-76 Job No. 27-771-96 Calculation Soil Pressure on Structure

Load on 20"ϕ Member -

$$0.85\ ^{k}/_{ft^2} \times \frac{20"}{12} = 1.42\ ^{k}/_{ft}$$

Load on 14"ϕ Member -

$$0.85\ ^{k}/_{ft^2} \times \frac{14"}{12"} = 1.00\ ^{k}/_{ft}$$

Check 20"ϕ Member -

$$f_b = \frac{w l^2}{12\ S} = \frac{(1.42)(32')^2(12)}{12\quad 178.7\ in^3} = 8.2\ ksi$$

$$8.2\ ksi < 21.6\ ksi$$

Check 14"ϕ Member -

$$f_b = \frac{w l^2}{12\ S} = \frac{(1.00)(32')^2(12)}{12\quad 53.3} = 19.2\ ksi$$

$$19.2\ ksi < 21.6\ ksi$$

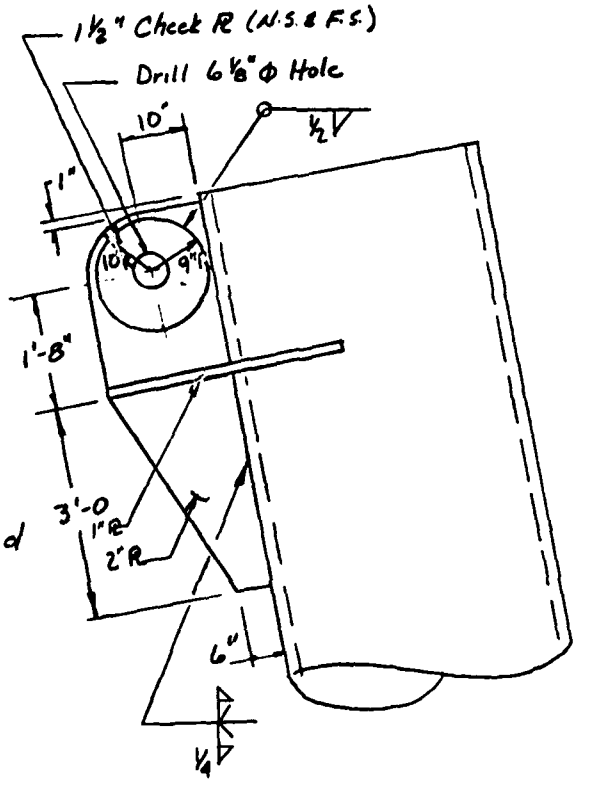
CREST OFFSHORE, INC. Sheet ___ of ____

By J. Talbot Client U.S. Navy Subject Design of MLW Structure
Date 8-11-16 Job No. 27-771 Calculation

10.3 Lifting Eyes - Jacket

Vertical Lift

Weight of Jacket = 380^K
(excluding boat landing & bumpers)



Assumptions:
1. Entire weight is at one lift eye.
2. Impact Factor of 2.0.
3. Total applied load can be acting completely horizontal or completely vertical.
4. Sling $\theta = 60°$ for maximum load

$\therefore$ Max $P = 880^K$ at $\theta = 60°$

Check Shear in Pin

Use 6.00" Pin in double shear

$$f_s = \frac{P}{A} = \frac{880^K}{2(\pi\, 3.00^2)} = 15.6 \text{ ksi}$$

$$F_s = 0.4\,(36 \text{ ksi}) \times 1.33 = 19.2 \text{ ksi}$$

$$15.6 < 19.2$$

Lifting Eyes - Jacket

Vertical Lift

Check Bearing on Plate

$$f_{br} = \frac{P}{Dt} = \frac{880^k}{(6.00)(5.00)} = 29.3 \text{ ksi}$$

$$F_{br} = 0.9(36 \text{ ksi}) = 32.4 \text{ ksi}$$

$$29.3 < 32.4$$

Check Pin Shearing Through Plates

$$A = 4[(9-3) \times 1.5] + 2[(10-3) \times 2]$$

$$A = 36 + 28 = 64 \text{ in}^2$$

$$f_s = \frac{880^k}{64 \text{ in}^2} = 13.8 \text{ ksi}$$

$$F_s = 0.4(36 \text{ ksi}) \times 1.33 = 19.2 \text{ ksi}$$

$$13.8 < 19.2$$

By J. Talbot Client U.S. Navy Subject Design of MLW Structure
Date 8-17-76 Job No. 27-771 Calculation

Lifting Eyes - Jacket

Vertical Lift

Check Tension Through Lift Eye

$$A = 4[(9-3) \times 1.5] + 2[(10-3) \times 2.0]$$

$$A = 64 \text{ in}^2$$

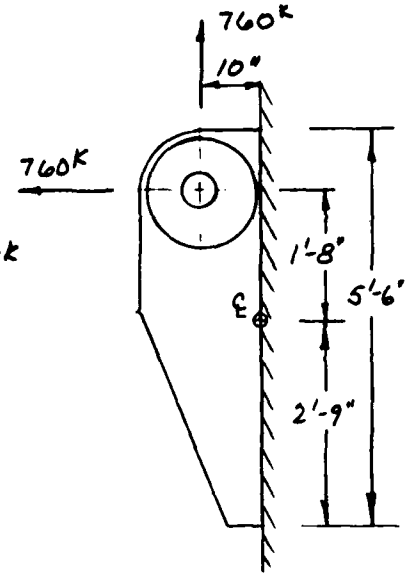
$$f_t = \frac{880^k}{64 \text{ in}^2} = 13.8 \text{ ksi}$$

$$F_t = 0.6(36 \text{ ksi}) \times 1.33 = 28.7 \text{ ksi}$$

$$13.8 < 28.7$$

Check Combined Bending and Tension

Shear Force = 760^k
Tension Force = 760^k (Conservative)



$$M_{\text{@}} = 760^k \times 20" - 760^k \times 10" = 7600 \text{ in-k}$$

$$f_s = \frac{760^k}{(66")(2")} = 5.8 \text{ ksi}$$

$$f_n = \frac{7600(6)}{2"(66")^2} + \frac{760^k}{(66")(2")} = 11.0 \text{ ksi}$$

Using Mohr's Circle,

$$f_{n\,max} = \frac{11.0}{2} + \left[\left(\frac{11.0}{2}\right)^2 + (5.8)^2\right]^{1/2} = 13.5 \text{ ksi}$$

$$F_n = 0.6(36 \text{ ksi}) \times 1.33 = 28.7 > 13.5$$

By J. Talbot Client U.S. Navy Subject Design of MLW Structure
Date 8-17-76 Job No. 27-771 Calculation

Lifting Eyes - Jacket

Vertical Lift

Assuming an average shear distribution,

$$f_{s\,max} = \left[\left(\frac{11.0}{2} \right)^2 + (5.8)^2 \right]^{1/2} = 8.0 \text{ ksi}$$

$$F_s = 0.4\,(36 \text{ ksi}) \times 1.33 = 19.2 \text{ ksi} > 8.0$$

Assume shear distribution parabolic, maximum shear at center of plate.

$$f_s = 1.5\,(5.8) = 8.7 \text{ ksi}$$

$$f_n = \frac{760}{(66")(2.0")} = 5.8 \text{ ksi}$$

$$f_{s\,max} = \left[\left(\frac{5.8}{2} \right)^2 + (8.7)^2 \right]^{1/2} = 9.2 \text{ ksi}$$

$$9.2 < 19.2$$

Check Weld of Cheek Plates

$$\frac{A_R}{A_{Total}} = \frac{1.5}{5.0} = 0.30$$

$$P_{shear} = 880^k \times 0.30 = 264^k$$

$$\frac{P}{C} = \frac{264^k}{\pi\, 18"} = 4.7 \text{ k/in}$$

$$w = \frac{4.7}{11.2} = 0.42 \text{ in} \qquad \text{Use } 1/2" \text{ fillet weld}$$

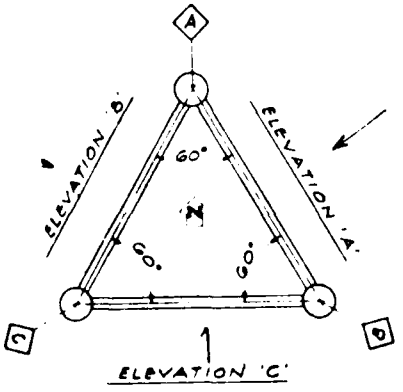
10.4 Lift Analysis

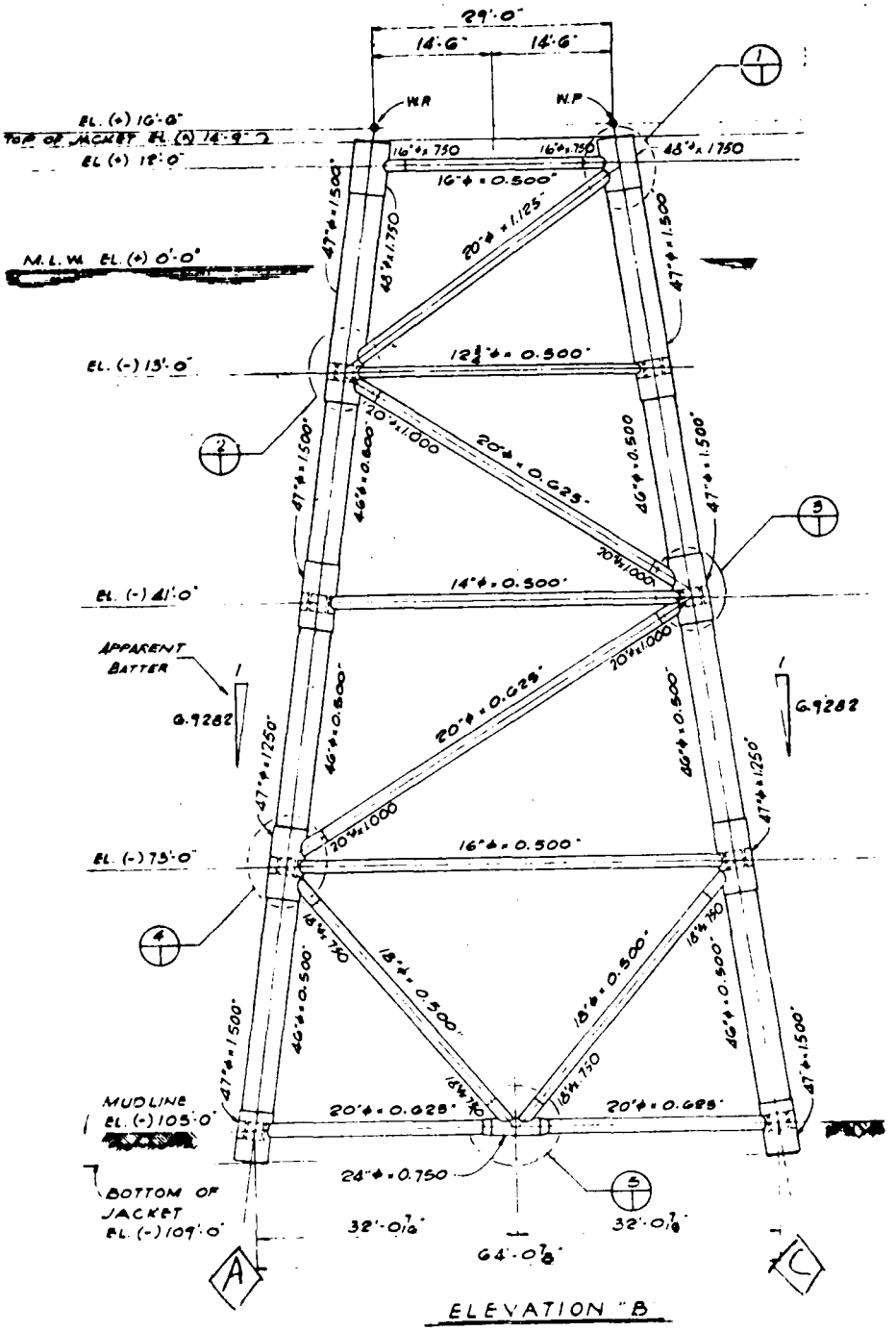
CREST OFFSHORE, INC.

Sheet ___ of ___

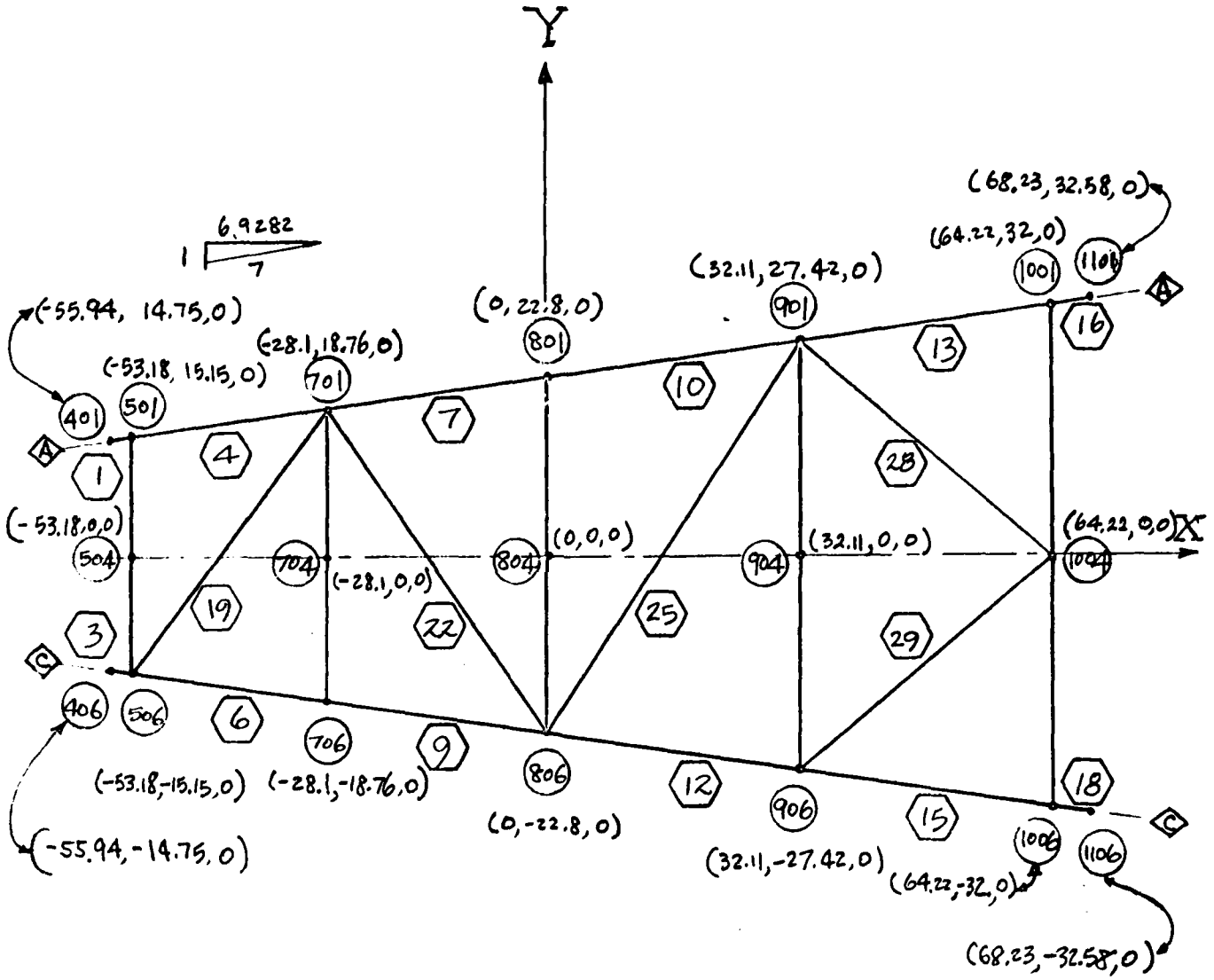
By C. Cherie Client U.S. NAVY Subject Lifting Analysis

Date 8-19-76 Job No. 27-77L-01 Calculation Platform #3 & #4





By C. Chern Client U.S. NAVY Subject Lifting Analysis
Date 8-19-76 Job No. 27-771-01 Calculation Platform #3 & #4



Top View

$$32 \times \frac{\sqrt{37}}{6} \times \frac{6.9282}{7} = 32.11$$

$$28 \times \frac{\sqrt{37}}{6} \times \frac{6.9282}{7} = 28.10$$

$$53 \times \frac{\sqrt{37}}{6} \times \frac{6.9282}{7} = 53.18$$

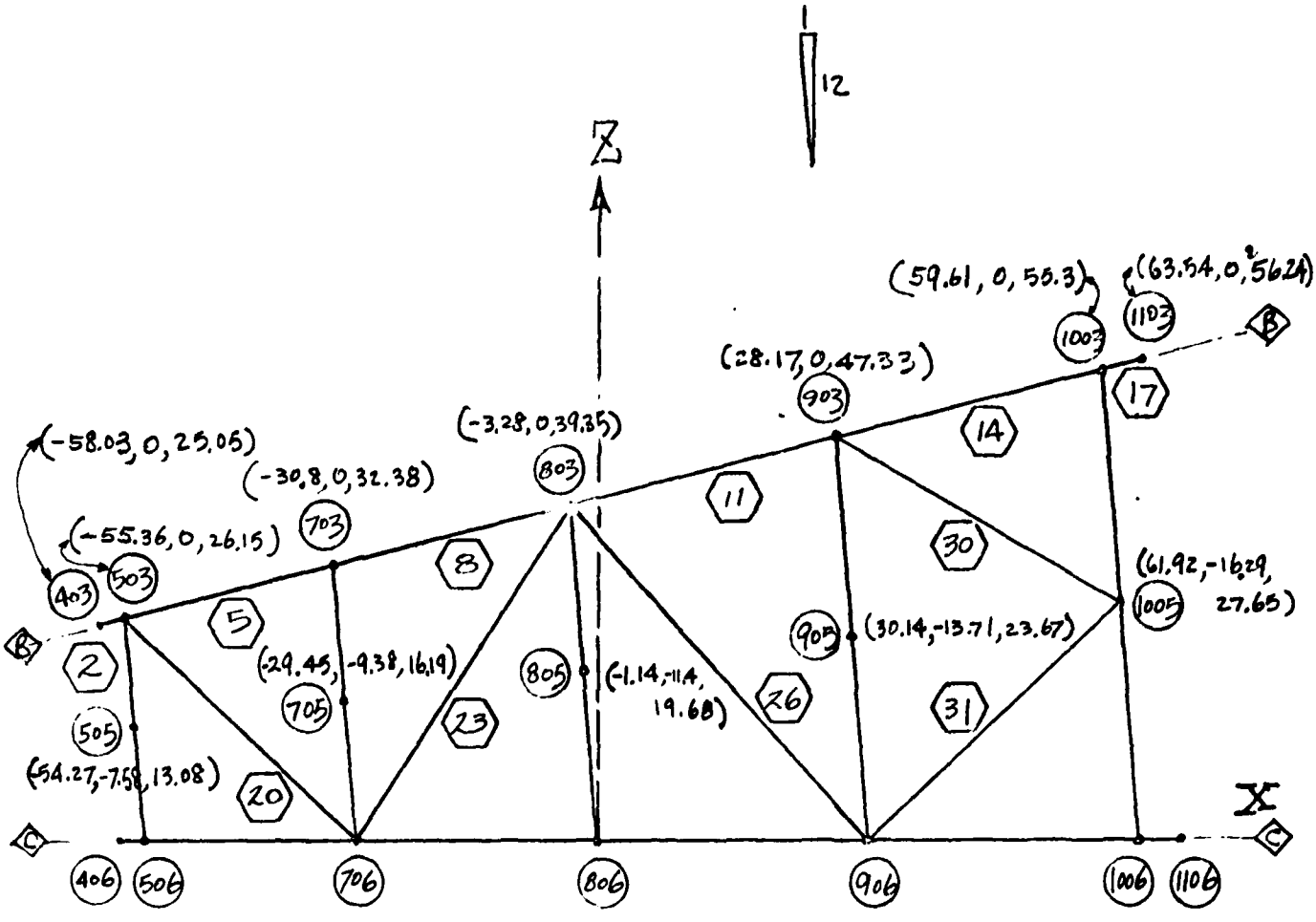
$$55.75 \times \frac{\sqrt{37}}{6} \times \frac{6.9282}{7} = 55.94$$

CREST OFFSHORE, INC.

Sheet ___ of ____

By C. Chern Client U.S. NAVY Subject Lifting Analysis

Date 8-12-76 Job No. 27-771-01 Calculation Platform #3 & #4



JOINT

503 $26.24 \times \frac{12}{\sqrt{145}} = 26.15$

$26.24 \times \frac{1}{\sqrt{145}} = 2.18$

403 $25.14 \times \frac{12}{\sqrt{145}} = 25.05$

$25.14 \times \frac{1}{\sqrt{145}} = 2.09$

$\frac{117}{18.5 - 8.75} = \frac{117}{9.75} = \frac{12}{1}$

JOINT

1003 $55.49 \times \frac{12}{\sqrt{145}} = 55.3$

$55.49 \times \frac{1}{\sqrt{145}} = 4.61$

903 $47.49 \times \frac{12}{\sqrt{145}} = 47.33$

$47.49 \times \frac{1}{\sqrt{145}} = 3.94$

803 $39.49 \times \frac{12}{\sqrt{145}} = 39.35$

$39.49 \times \frac{1}{\sqrt{145}} = 3.28$

703 $32.49 \times \frac{12}{\sqrt{145}} = 32.38$

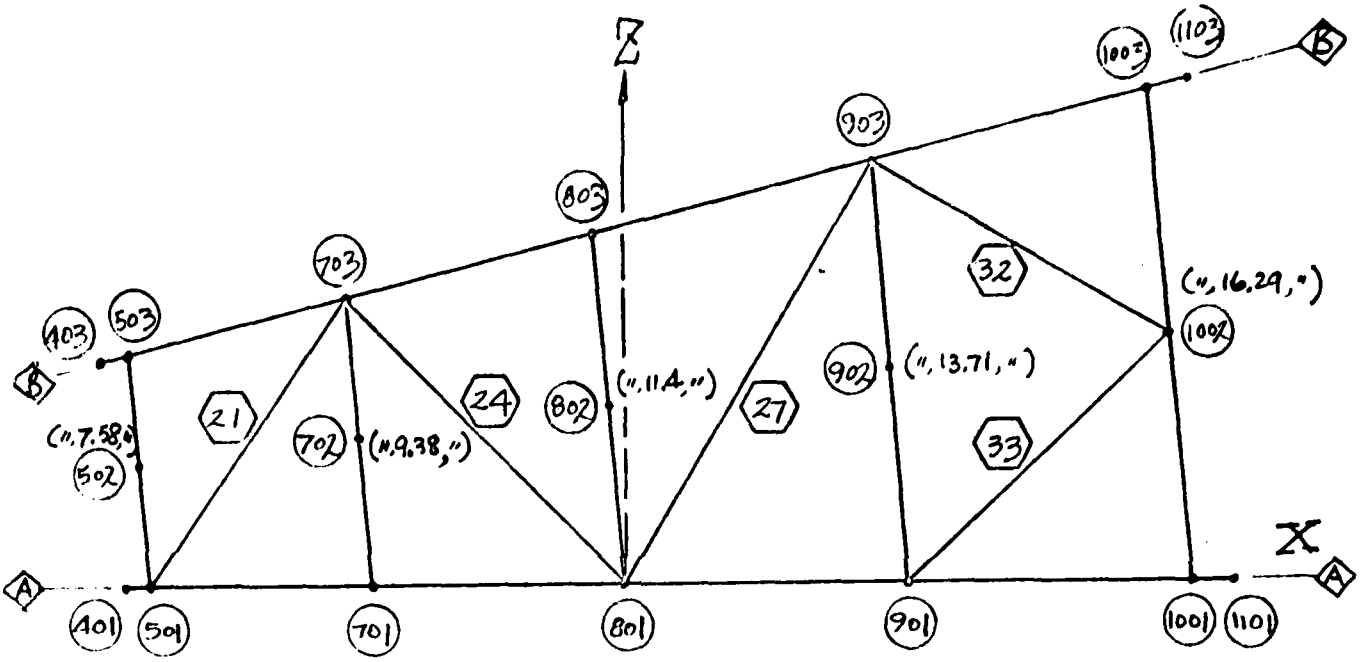
$32.49 \times \frac{1}{\sqrt{145}} = 2.70$

CREST OFFSHORE, INC.

Sheet ___ of ____

By C. Cheyne Client U.S. NAVY Subject Lifting Analysis

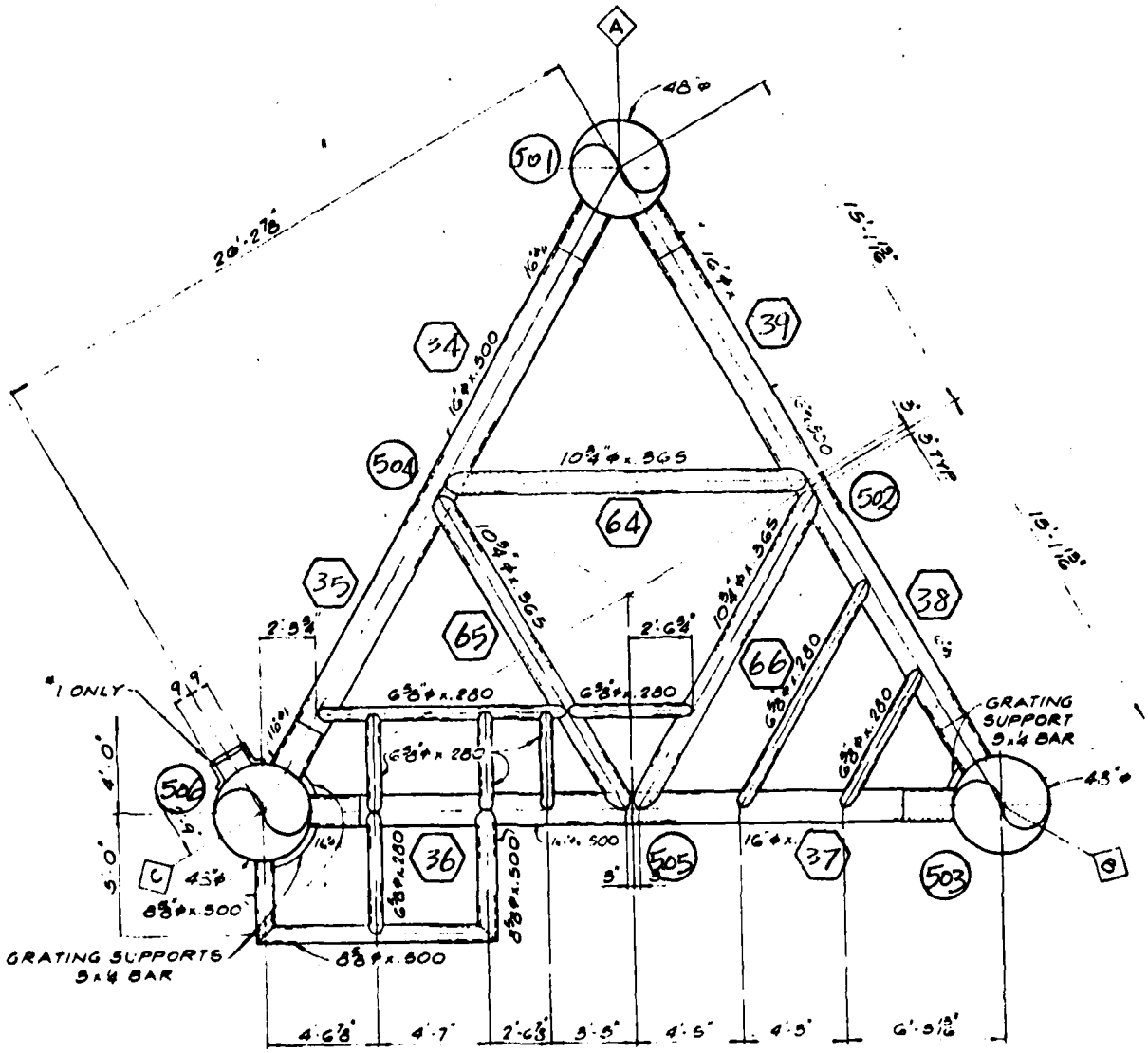
Date 8-12-76 Job No. 27-771-01 Calculation Platform #3 & #4



CREST OFFSHORE, INC.

By C. Chern Client U.S. NAVY Subject Lifting Analysis

Date 8-19-76 Job No. 27-771-01 Calculation Platform #3 & #4

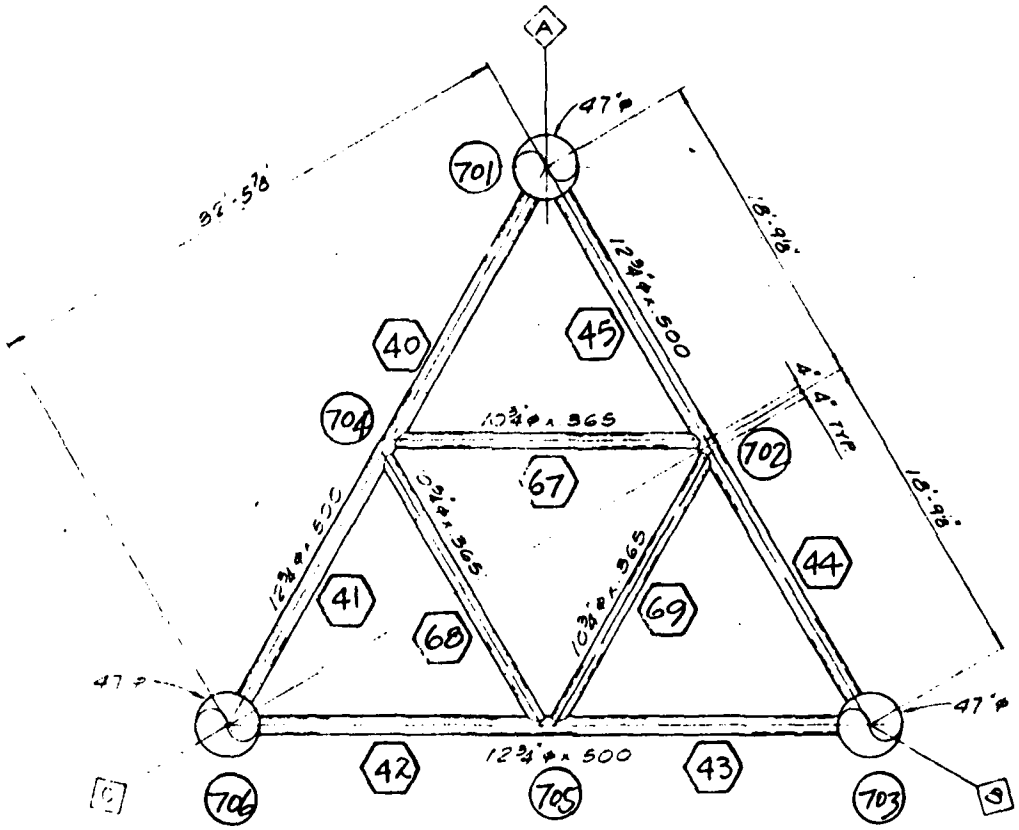


CREST OFFSHORE, INC.

Sheet ____ of ____

By C. Chern Client U.S. NAVY Subject Lifting Analysis

Date 8-12-76 Job No. 27-771-01 Calculation Platform #3 & #4

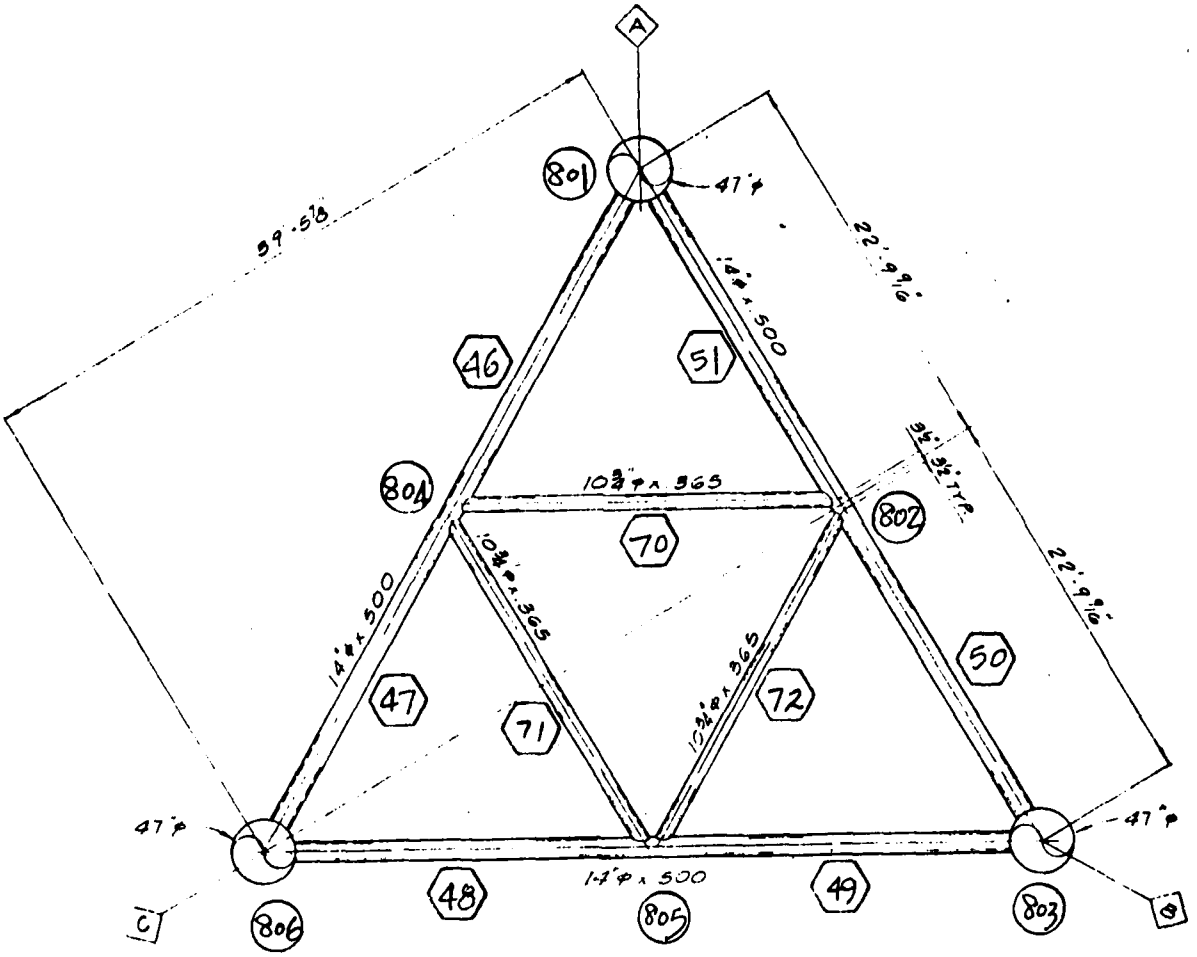


CREST OFFSHORE, INC.

Sheet ____ of ____

By C. Chern Client U.S. Navy Subject Lifting Analysis

Date 8-19-76 Job No. 27-771-01 Calculation Platform #3 & #4

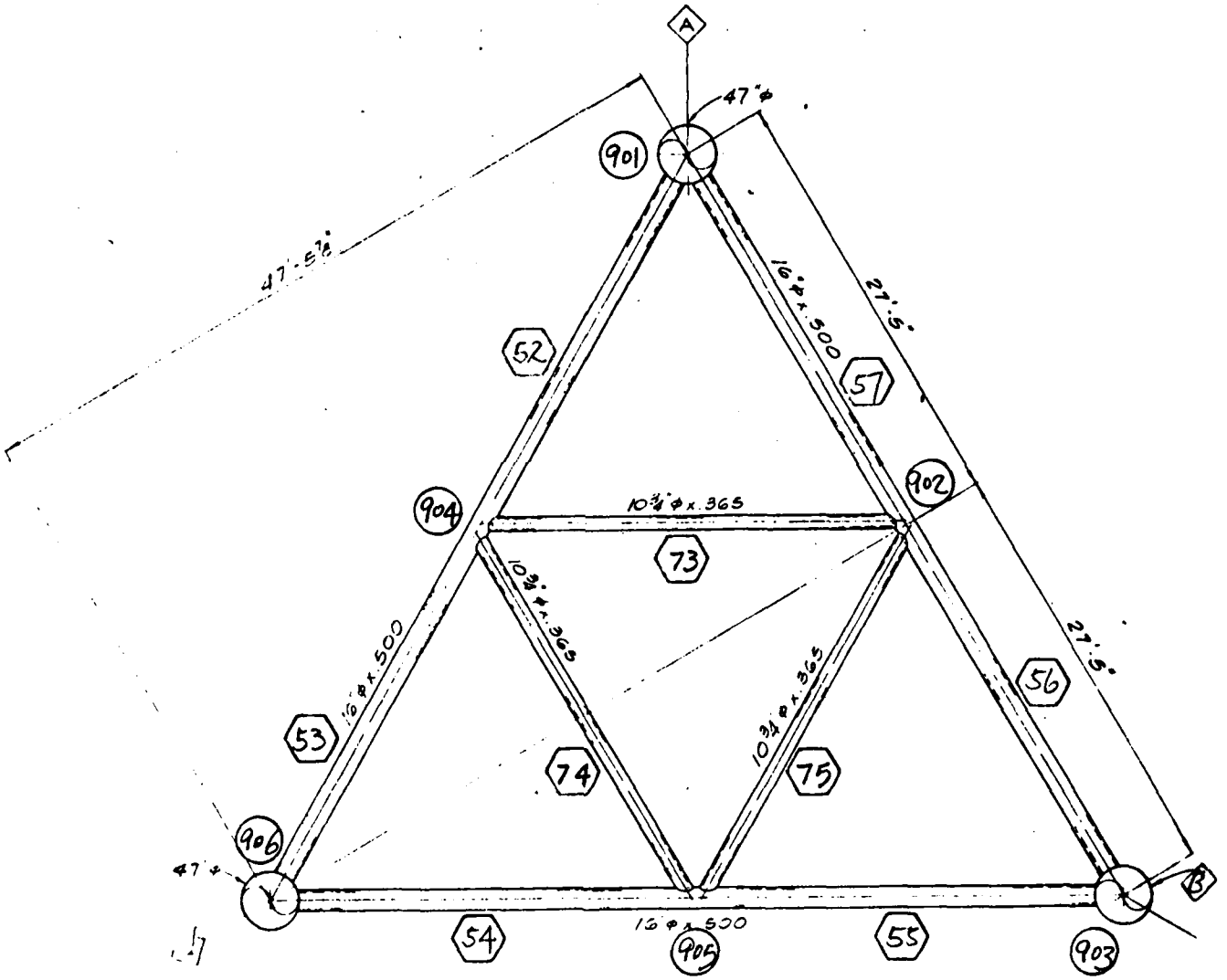


CREST OFFSHORE, INC.

Sheet ____ of ____

By C. Cheryl Client U.S. NAVY Subject Lifting Analysis

Date 8-19-76 Job No. 27-771-01 Calculation Platform #3 & #4

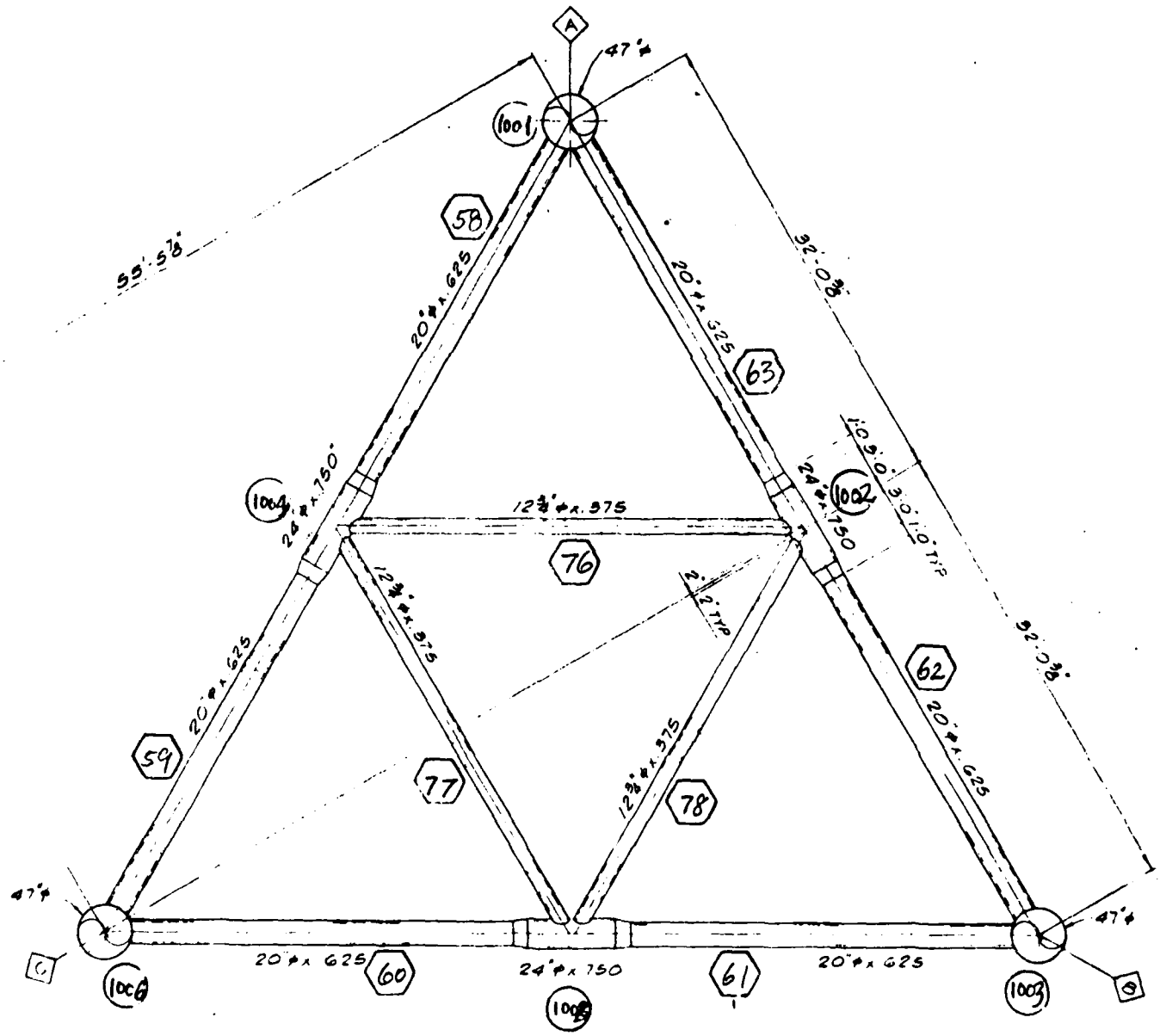


CREST OFFSHORE, INC.

Sheet ____ of ____

By C. Chern Client U.S. NAVY Subject Lifting Analysis

Date 8-19-76 Job No. 27-7721-01 Calculation Platform #3 & 4



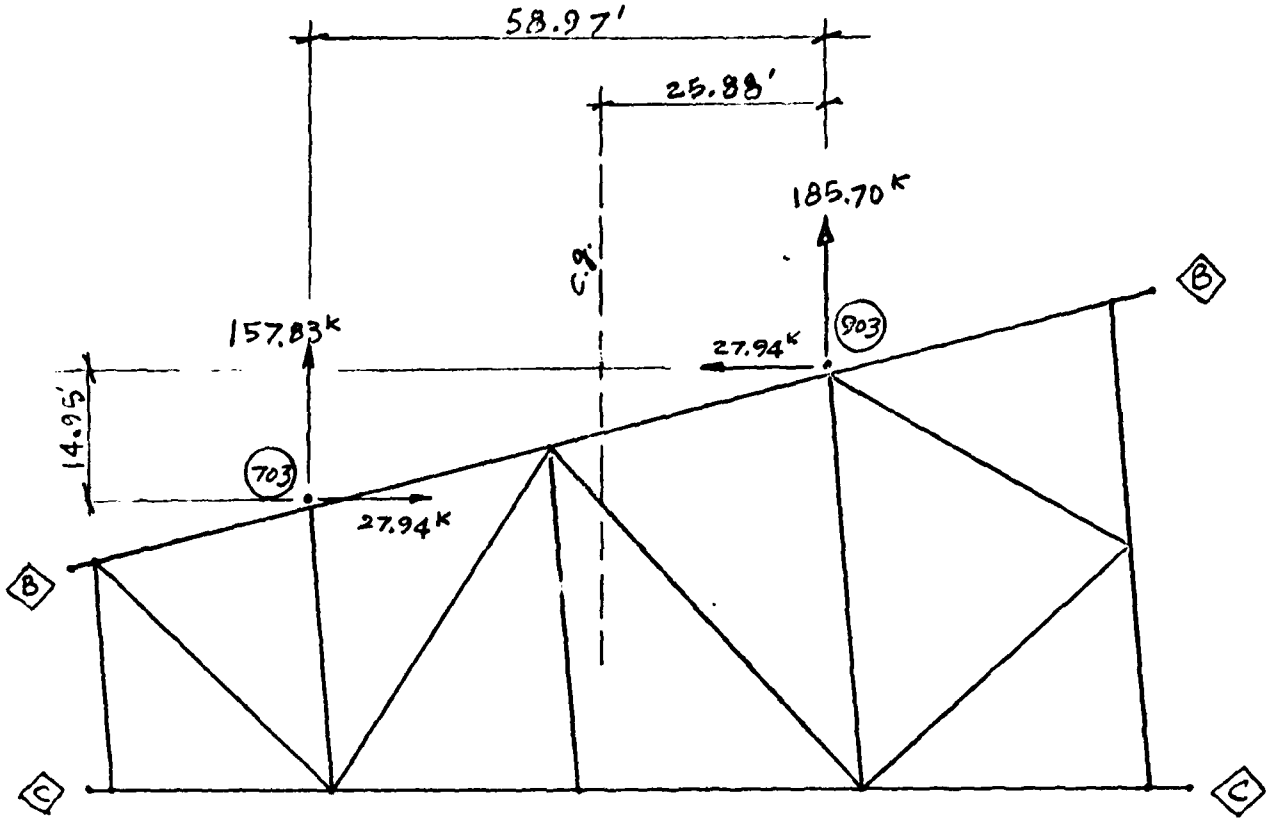
CREST OFFSHORE, INC.

Sheet ____ of ____

By C. Chern Client U.S. NAVY Subject Lifting Analysis

Date 8-24-76 Job No. 27-771-01 Calculation Platform #3 & #4

LOCATION OF CENTER OF GRAVITY

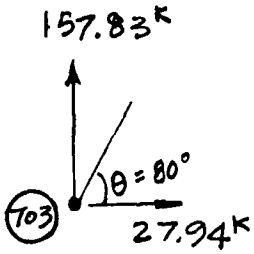


$$\Sigma M_{903} = 0 \qquad \bar{x} = \frac{157.83 \times 58.97 - 27.94 \times 14.95}{157.83 + 185.70}$$

$$= 25.877'$$

$$(25' - 10\tfrac{1}{2}'')$$

JOINT NO. 703

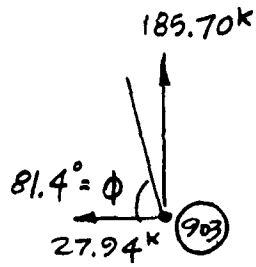


$$\theta = \tan^{-1}\frac{157.83}{27.94} \doteq 80°$$

Sling Force = 157.83 / sin 80°

= 160.3 kips

JOINT NO. 903



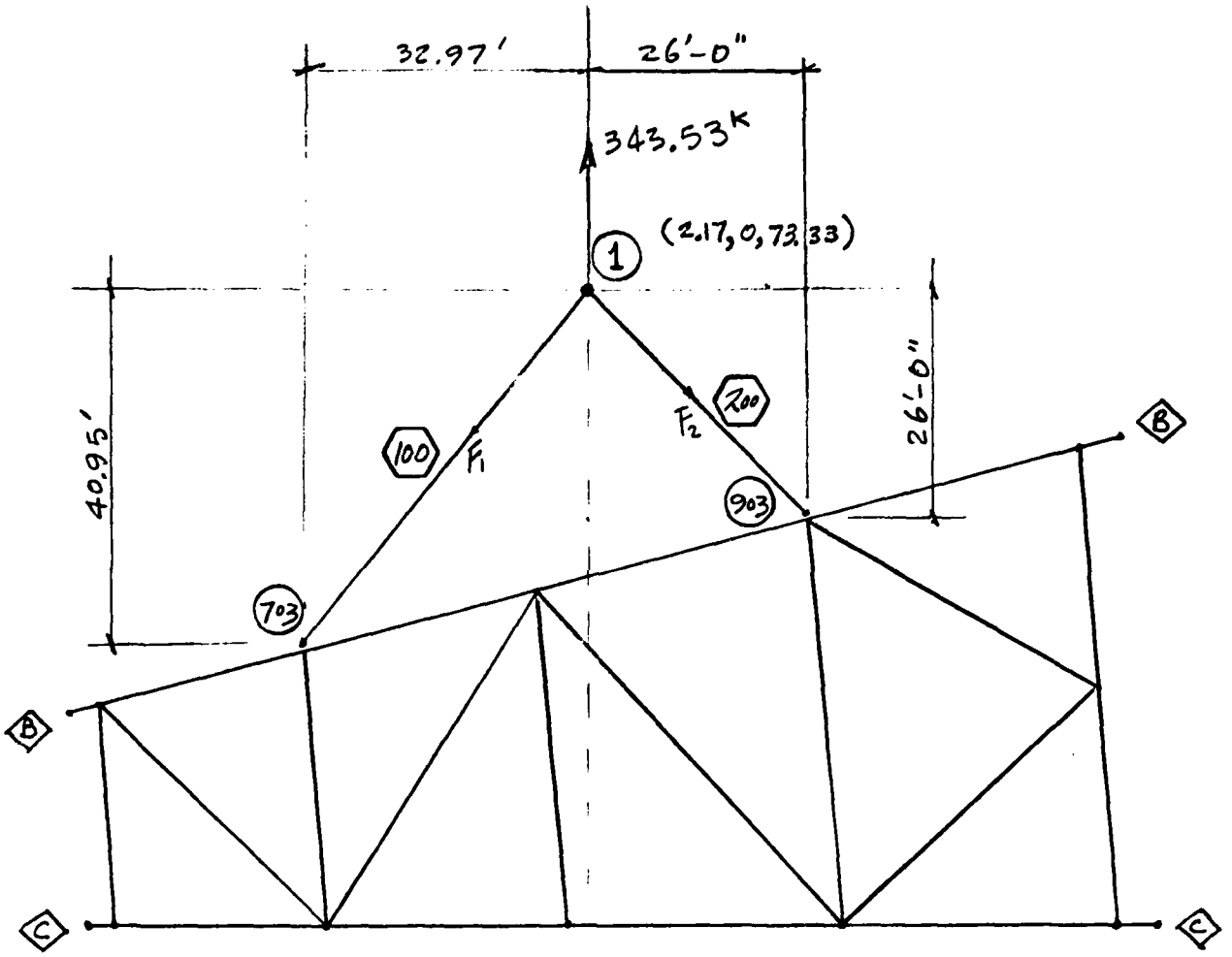
$$\phi = \tan^{-1}\frac{185.70}{27.94} = 81.4°$$

$h = 25.88 \times \tan 81.4° = 171.124'$

Sling Force = 185.70 / sin 81.4°

= 187.8 kips

SINGLE POINT LIFTING (FOR CHECKING ONLY)



Sling length #200 $\ell_2 = 26\sqrt{2} = 36.77^{ft}$ (36'-9")

#100 $\ell_1 = \sqrt{32.97^2 + 40.95^2} = 52.57'$ (52'-7")

Equilibrium at point ①

$$\begin{cases} \dfrac{F_2}{\sqrt{2}} + F_1 \times \dfrac{40.95}{\sqrt{40.95^2+32.97^2}} = 343.53 & (a) \\ \dfrac{F_2}{\sqrt{2}} = F_1 \times \dfrac{32.97}{\sqrt{40.95^2+32.97^2}} & (b) \end{cases}$$

from Eq.(b) $F_2 = F_1 \times \dfrac{32.97\sqrt{2}}{\sqrt{40.95^2+32.97^2}}$

from Eq.(a) $\dfrac{(32.97+40.95)F_1}{\sqrt{40.95^2+32.97^2}} = 343.53$

$$F_1 = \frac{343.53}{73.92}\sqrt{40.95^2+32.97^2}$$

$$= 244.32 \text{ kips} \longleftarrow$$

$$F_2 = 244.32 \times \frac{32.97\sqrt{2}}{\sqrt{40.95^2+32.97^2}}$$

$$= 216.68 \text{ kips} \longleftarrow$$

CREST OFFSHORE, INC.

Sheet ___ of ____

By J. Talbot Client U.S. Navy Subject Design of 105' MLW Structure

Date 9-1-76 Job No. 27-771-96 Calculation Floatation Analysis

10.5 Floatation Analysis

Buoyancy of Jacket in Launch Mode = 453.3^k
(Ref. Section 10.5, p. 10.25)

Weight of Jacket in Launch Mode -

Material Listing	= 374.7^k
Anodes	= 16.0^k
	390.7^k

$453.3^k > 390.7^k$

∴ Floatation is acheived

CREST OFFSHORE, INC.

Sheet ___ of ____

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE

Date 9-1-76 Job No. 27-771-96 Calculation BOUYANCY - LAUNCH

DESCRIPTION	QTY.	VOLUME SEA WATER DISPLACED	
48.0"Φ x 1.75 WT	19.50 FT	244.92 FT^3	
47.5"Φ x 1.50 WT	116.61 FT	1434.30 FT^3	
47.0"Φ x 1.25 WT	25.50 FT	307.02 FT^3	
45.5"Φ x 0.50 WT	210.93 FT	2381.40 FT^3	
24.0"Φ x 0.75 WT	18.00 FT	56.52 FT^3	
20.0"Φ x 1.125 WT	114.39 FT	249.37 FT^3	
20.0"Φ x 1.00 WT	39.65 FT	86.44 FT^3	
20.0"Φ x 0.625 WT	440.64 FT	960.60 FT^3	
18.0"Φ x 0.750 WT	41.25 FT	72.60 FT^3	
18.0"Φ x 0.50 WT	238.38 FT	419.55 FT^3	
16.0"Φ x 0.75 WT	13.98 FT	19.43 FT^3	
16.0"Φ x 0.50 WT	221.67 FT	308.12 FT^3	
14.0"Φ x 0.50 WT	127.05 FT	134.67 FT^3	
12.75"Φ x 0.50 WT	102.30 FT	90.02 FT^3	
12.75"Φ x 0.375 WT	90.75 FT	79.86 FT^3	
10.75"Φ x 0.365 WT	243.00 FT	153.09 FT^3	
8.625"Φ x 0.50 WT	18.42 FT	7.37 FT^3	
6.625"Φ x 0.280 WT	54.75 FT	12.59 FT^3	
3.50"Φ x 0.216 WT	27.00 FT	1.62 FT^3	
2.875"Φ x 0.375 WT	6.00 FT	0.24 FT^3	
2.375"Φ x 0.154 WT	346.50 FT	10.40 FT^3	
2.00 STL. PLATE	45.84 FT^2	7.64 FT^3	
1.50 STL. PLATE	17.69 FT^2	2.21 FT^3	
1.00 STL. PLATE	45.27 FT^2	3.76 FT^3	
0.75 STL. PLATE	47.10 FT^2	2.94 FT^3	
0.625 STL. PLATE	318.12 FT^2	16.57 FT^3	
0.50 STL. PLATE	76.50 FT^2	3.19 FT^3	
0.375 STL. PLATE	4.13 FT^2	0.13 FT^3	
0.250 STL. PLATE	1.70 FT^2	0.04 FT^3	
GRATING	196.28 FT^2	16.29 FT^3	
ANGLE 4"x6"x3/8"	24.00 FT	1.25 FT^3	
	TOTAL	7084.15 FT^3	

All Members - Sym. about C.L.

(Bouyancy) Weight of Sea Water Displaced = 7084.15 x 64 = 453385.60#

CREST OFFSHORE, INC.

Sheet ___ of ___

By L. KIRK Client U.S. NAVY Subject DESIGN OF 105' MLW STRUCTURE

Date 9-1-76 Job No. 27-771-96 Calculation BOUYANCY - IN PLACE

DESCRIPTION	QTY.	VOLUME SEA WATER DISPLACED	1.) FLOODED I.D. OR 2.) ABOVE WATER LINE	
48.0"Φ x 1.75 WT	19.50 FT	244.92 FT^3	– 244.92 FT^3 (2.)	
47.5"Φ x 1.50 WT	116.61 FT	1434.30 FT^3	– 1434.30 FT^3 (1.&2.)	JACKET
47.0"Φ x 1.25 WT	25.50 FT	307.02 FT^3	– 275.42 FT^3 (1.)	LEGS
45.5"Φ x 0.50 WT	210.93 FT	2381.40 FT^3	– 2278.17 FT^3 (1.)	
24.0"Φ x 0.75 WT	18.00 FT	56.52 FT^3		
20.0"Φ x 1.125 WT	114.39 FT	249.37 FT^3		
20.0"Φ x 1.00 WT	39.65 FT	86.44 FT^3		
20.0"Φ x 0.625 WT	440.64 FT	960.60 FT^3		
18.0"Φ x 0.750 WT	41.25 FT	72.60 FT^3		
18.0"Φ x 0.50 WT	238.38 FT	419.55 FT^3		
16.0"Φ x 0.75 WT	13.98 FT	19.43 FT^3	– 19.43 FT^3 (2.)	(+) 12'-0"
16.0"Φ x 0.50 WT	221.67 FT	308.12 FT^3	– 92.70 FT^3 (2.)	ELEV.
14.0"Φ x 0.50 WT	127.05 FT	134.67 FT^3		
12.75"Φ x 0.50 WT	102.30 FT	90.02 FT^3		
12.75"Φ x 0.375 WT	90.75 FT	79.86 FT^3		
10.75"Φ x 0.365 WT	243.00 FT	153.09 FT^3	– 28.05 FT^3 (2.)	(+) 12'-0"
8.625"Φ x 0.50 WT	18.42 FT	7.37 FT^3	– 7.37 FT^3 (2.)	ELEV.
6.625"Φ x 0.280 WT	54.75 FT	12.59 FT^3	– 13.11 FT^3 (2.)	
3.50"Φ x 0.216 WT	27.00 FT	1.62 FT^3		
2.875"Φ x 0.375 WT	6.00 FT	0.24 FT^3		
2.375"Φ x 0.154 WT	346.50 FT	10.40 FT^3		
2.00 STL. PLATE	45.84 FT^2	7.64 FT^3	– 7.64 FT^3 (2.)	LIFTING
1.50 STL. PLATE	17.69 FT^2	2.21 FT^3	– 2.21 FT^3 (2.)	EYES
1.00 STL. PLATE	45.27 FT^2	3.76 FT^3	– 3.76 FT^3 (2.)	
0.75 STL. PLATE	47.10 FT^2	2.94 FT^3		
0.625 STL. PLATE	318.12 FT^2	16.57 FT^3		
0.50 STL. PLATE	76.50 FT^2	3.19 FT^3		
0.375 STL. PLATE	4.13 FT^2	0.13 FT^3		
0.250 STL. PLATE	1.70 FT^2	0.04 FT^3		
GRATING	196.28 FT^2	16.29 FT^3	– 16.29 FT^3 (2.)	(+) 12'-0"
ANGLE 4"x6"x3/8"	24.00 FT	1.25 FT^3	– 1.25 FT^3 (2.)	ELEV.
TOTAL		7084.15 FT^3	4424.62 FT^3	

Weight of Sea Water Displaced = (7084.15) - (4424.62) x 64 = 170209.92#

SECTION 11.0

CORROSION PROTECTION

11.1 INTRODUCTION

The surface area of a marine structure is divided into three zones for corrosion protection consideration, the Submerged Zone, the Splash Zone, and the Atmospheric Zone.

The Submerged Zone is protected from corrosion by cathodic protection through the use of sacrificial anodes. The Splash Zone is protected by using one half inch thick extra material in excess of that needed for strength and then painted. The Atmosphere Zone is protected with paint.

11.2 DESIGN DATA

Zones for Corrosion Protection:

1. Submerged Zone - El. (-) 4.0 feet to El. (-) 105.0 ft.
2. Splash Zone - El. (+) 11.0 feet to El. (-) 4.0 feet.
3. Atmospheric Zone- El. (+) 75.0 feet to El. (+) 11.0 feet.

Current Requirements:

Current Density = 6 MA/ft^2 of surface in water

2 MA/ft^2 of surface in mud

Design Life:

N = 20 years

11.3 Submerged Zone

LOCATION (ELEV.)	DESCRIPTION	QTY	SURFACE AREA (FT^2)	(FT^2) TOTAL SURFACE AREA
-4'-0" TO -13'-0"	47"Ø x 12'-6" J.L.	3	153.4	460.2
" " "	20"Ø x 15'-0" D.B.	3	70.6	211.8
-13'-0"	12 3/4"Ø x 37'-6" H.B.	3	125.3	375.9
-13'-0" (PLAN)	10 3/4"Ø x 18'-4" H.B.	3	51.5	154.5
-13'-0" TO -41'-0"	46"Ø x 19'-9" J.L.	3	237.8	713.4
" " "	47"Ø x 8'-0" J.L.	3	98.4	295.2
" " "	20"Ø x 41'-0" D.B.	3	214.8	644.4
-41'-0" (PLAN)	14"Ø x 45'-6" H.B.	3	166.9	500.7
" " "	10 3/4"Ø x 22'-4" H.B.	3	62.7	188.1
-41'-0" TO -73'-0"	46"Ø x 23'-9" J.L.	3	286.0	858.0
" " "	47"Ø x 8'-0" J.L.	3	98.4	295.2
" " "	20"Ø x 59'-2" D.B.	3	310.0	930.0
-73'-0" (PLAN)	16"Ø x 54'-9" H.B.	3	229.9	689.7
" " "	10 3/4"Ø x 27'-1" H.B.	3	76.1	228.3
-73'-0" TO -105'-0"	46"Ø x 25'-3" J.L.	3	304.0	912.0
" " "	47"Ø x 6'-0" J.L.	3	73.8	221.4
" " "	18"Ø x 42'-1" D.B.	6	198.2	1189.2
-105'-0" (PLAN)	20"Ø x 28'-0" H.B.	6	146.7	880.2
" " "	24"Ø x 8'-0" H.B.	3	50.2	150.6
" " "	12 3/4"Ø x 32'-0" H.B.	3	106.8	320.4
				10,219.2
PILING	42"Ø x 2.00 WT x 270'-0"	3	2968.8	+8906.4
				19125.6

By J. Talbot Client U.S. Navy Subject Design of 125' MLW Structure
Date 8-22-76 Job No. 22-271-96 Calculation Corrosion Protection

Total Current Requirements

$$I = 6 \frac{mA}{ft^2} \times 10219\ ft^2 + 2 \frac{mA}{ft^2} \times 8906\ ft^2$$

$$I = 79.2\ Amps$$

Capacity of Alloy

Use Aluminum - Zinc - Mercury Alloy

$$C = 1250 \frac{amp\text{-}hrs}{lbs}$$

Total Weight of Sacrificial Anodes

$$W_T = \frac{I \times N \times 8760}{C}$$

$$W_T = \frac{79.2 \times 20 \times 8760}{1250}$$

$$W_T = 11100\ lbs.$$

Using 725# Anode

$$n = \frac{11100}{725} = 15.3$$

Use 18 at 725#/Anode

11.4 SPLASH ZONE

The Splash Zone is protected by first using one half inch thick extra material in excess of that needed for strength, and then by applying paint to the structural members in the zone.

11.5 ATMOSPHERIC ZONE

The Atmospheric Zone is protected by paint. The surface area of the structure requiring paint is 8,500 square feet. The surface area calculations can be found in Report No. 37-771-98, Section 2.7, Paint Area.

SECTION 12.0

MATERIAL LIST AND WEIGHT

12.0 INTRODUCTION

This section includes a material listing and total weight of each major component of the structure including the superstructure, jacket, boat landing, boat fenders, and piling. The material listing in this section is a summary and includes only the total length and weight of each particular shape for each of the major components. A more detailed listing is found in the computer output in Appendix B.9.

12.2 Material Listing and Weight - Superstructure

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
42.000 O.D. X 1.000 WT	15.00	6578.43
30.000 O.D. X 1.750 WT	15.00	7927.39
30.000 O.D. X 1.500 WT	32.98	15070.58
30.000 O.D. X 1.000 WT	103.52	32093.53
12.750 O.D. X 1.000 WT	8.00	1005.00
12.750 O.D. X 0.750 WT	22.62	2176.58
12.750 O.D. X 0.500 WT	139.88	9158.79
8.625 O.D. X 0.500 WT	55.50	2410.29
8.625 O.D. X 0.322 WT	27.58	788.14
6.625 O.D. X 0.500 WT	29.00	989.45
4.500 O.D. X 0.337 WT	82.50	1237.31
2.375 O.D. X 0.154 WT	87.08	318.39
1.900 O.D. X 0.281 WT	65.00	316.12
1.900 O.D. X 0.145 WT	1213.00	5299.81
W SHAPE		
W 21 X 73.00	26.67	1946.69
W 18 X 50.00	139.79	6989.60
W 12 X 27.00	65.00	1756.11

12.03

12.3 Material Listing and Weight - Jacket

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

W 8 X 24.00	132.37	3176.90
W 6 X 15.50	250.67	3885.35

CHANNELS

C 12 X 29.00	136.60	3417.35
C 12 X 20.70	3.75	77.62
C 10 X 15.30	51.00	780.30

ANGLE

5.000 X 3.000 X 0.375	73.20	712.23
4.000 X 3.000 X 0.375	23.33	197.26
3.000 X 3.000 X 0.375	40.00	287.11
3.000 X 3.000 X 0.250	5.33	26.08
2.500 X 2.500 X 0.250	95.37	385.38

PLATE

1.250 THICKNESS	81.92	2139.71
1.000 THICKNESS	109.30	4463.16
0.750 THICKNESS	34.18	1046.67
0.500 THICKNESS	76.86	1569.18
0.375 THICKNESS	82.38	1260.83
0.250 THICKNESS	1186.36 (1025 SF²)*	13199.09 - (11552.7#)*
0.125 THICKNESS	15.51	79.17

* 1/4" Checkered Floor Plate

GRATING

7.360 LBS PER SQ FT	276.10	2032.10

TOTAL WEIGHT 132752.69 LBS

12.04

BILL OF MATERIALS SUMMARY

U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
48.000 O.D. X 1.750 WT	19.50	16872.02
47.500 O.D. X 1.500 WT	116.61	86015.69
47.000 O.D. X 1.250 WT	25.50	15589.20
45.500 O.D. X 0.500 WT	210.93	50734.49
24.000 O.D. X 1.000 WT	18.00	4425.71
20.000 O.D. X 1.125 WT	114.39	25966.30
20.000 O.D. X 1.000 WT	39.69	8054.21
20.000 O.D. X 0.625 WT	440.64	57041.15
18.000 O.D. X 0.750 WT	41.25	5705.02
18.000 O.D. X 0.500 WT	238.38	22297.72
16.000 O.D. X 0.750 WT	13.98	1709.31
16.000 O.D. X 0.625 WT	66.39	6819.94
16.000 O.D. X 0.500 WT	155.28	12864.71
14.000 O.D. X 0.500 WT	127.05	9167.71
12.750 O.D. X 0.500 WT	102.30	6698.30
12.750 O.D. X 0.375 WT	90.75	4502.00
10.750 O.D. X 0.365 WT	243.00	9846.65
8.625 O.D. X 0.500 WT	18.42	799.96
6.625 O.D. X 0.280 WT	54.75	1039.82
3.500 O.D. X 0.216 WT	27.00	204.78
2.875 O.D. X 0.375 WT	6.00	60.13

12/06

BILL OF MATERIALS SUMMARY

U.S.NAVY ACHR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

2.375 O.D. X 0.154 WT	346.50	1266.98
ANGLE		
4.000 X 6.000 X 0.375	24.00	294.77
PLATE		
2.000 THICKNESS	45.84	3743.80
1.500 THICKNESS	17.69	1083.45
1.375 THICKNESS	24.05	1350.47
1.250 THICKNESS	96.21	4910.79
1.125 THICKNESS	24.05	1104.93
1.000 THICKNESS	45.27	1848.34
0.750 THICKNESS	87.10	1442.48
0.625 THICKNESS	318.12	8118.67
0.500 THICKNESS	76.50	1561.87
0.375 THICKNESS	4.13	63.16
0.250 THICKNESS	1.70	17.33
GRATING		
7.360 LBS PER SQ FT	196.28	1444.63

TOTAL WEIGHT 374663.38 LBS

12.07

12.4 Material Listing and Weight - Boat Landing

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
12,750 O.D. X 0.843 WT	47.83	5132.74
10.750 O.D. X 0.500 WT	2.67	146.06
8.625 O.D. X 0.500 WT	137.91	5989.45
6.625 O.D. X 0.432 WT	272.53	7794.44
4.500 O.D. X 0.337 WT	71.50	1072.31
2.375 O.D. X 0.218 WT	3.33	16.74
1.900 O.D. X 0.281 WT	65.00	316.12
1.900 O.D. X 0.145 WT	75.00	204.03
CHANNELS		
C 12 X 20.70	2.50	51.75
C 6 X 8.20	16.00	131.20
ANGLE		
2.000 X 2.000 X 0.250	3.00	9.57
1.000 X 1.000 X 0.125	3.00	2.39

12.09

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS JACKET BUAT LANDING 27-771-01 BILL OF MATERIALS

PLATE		
0.750 THICKNESS	64.94	1988.94
0.500 THICKNESS	9.72	198.45
GRATING		
7.360 LBS PER SQ FT	116.17	855.04
TOTAL WEIGHT		23909.20 LBS

12/10

12.5 Material Listing and Weight- Boat Fenders

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS BARGE FENDERS 27-771-01 BILL OF MATERIALS & WEIGHT

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
18.000 O.D. X 0.750 WT	46.75	6465.68
16.000 O.D. X 0.750 WT	12.37	1512.95
PLATE		
1.000 THICKNESS	54.00	2205.00
0.750 THICKNESS	95.16	2914.21
0.500 THICKNESS	16.05	327.72
TOTAL WEIGHT		13425.55 LBS

12.12

12.6 Material Listing and Weight - Piling

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORM JACKET PILING SITE 3 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
42.000 O.D. X 2.500 WT	6.00	6333.89
42.000 O.D. X 2.375 WT	222.00	223340.94
42.000 O.D. X 2.000 WT	927.00	792779.75
39.750 O.D. X 0.625 WT	48.00	12547.54
37.000 O.D. X 0.625 WT	48.00	11665.60
TOTAL WEIGHT		1046667.63 LBS

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORM JACKET PILING SITE 4 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
42.000 O.D. X 2.500 WT	6.00	6333.89
42.000 O.D. X 2.375 WT	237.00	238431.56
42.000 O.D. X 2.000 WT	1011.00	860617.25
39.750 O.D. X 0.625 WT	48.00	12547.54
37.000 O.D. X 0.625 WT	48.00	11665.60
TOTAL WEIGHT		1133594.00 LBS

12.15

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORM JACKET INSERT PILING SITE # 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
33.000 O.D. X 1.500 WT	6.00	3030.65
33.000 O.D. X 1.000 WT	1242.00	424868.31
30.750 O.D. X 0.625 WT	96.00	19322.39
TOTAL WEIGHT		447221.31 LBS

12.16

100% Sulfur

DESIGN CALCULATIONS
105' MLW PLATFORM

EAST COAST AIR COMBAT MANEUVERING RANGE
OFFSHORE KITTY HAWK, NORTH CAROLINA
CONTRACT NO. N62477-76-C-0179
MODIFICATION NO. P0001

VOLUME II

Report No. 27-771-96

Prepared for

NAVY FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
CHESAPEAKE DIVISION

By

CREST ENGINEERING, INC.
TULSA, OKLAHOMA

September 1976

TABLE OF CONTENTS

VOLUME II

SECTION	TITLE	PAGE NO.
APPENDIX A	ENGINEERING DATA	
A.1	Environmental Data	
A.2	Wave Profiles	
APPENDIX B	COMPUTER OUTPUT	
B.1	SEALOAD - 50 Year Storm - Complete Pass	
B.2	SEALOAD - 50 Year Storm - Crest & Trough	
B.3	SETRAN - 50 Year Storm	
B.4	SEALOAD - Operational Wave	
B.5	STRAN - Operational Wave	
B.6	SAPCHK - Primary Joints	
B.7	SAPCHK - Secondary Joints	
B.8	Lift Analysis	
B.9	Material Listing	
APPENDIX C	OPERATIONAL ANALYSIS	
C.1	Introduction	
C.2	Environmental Criteria	
C.3	Results	

APPENDIX A.1

ENVIRONMENTAL DATA

TABLE 14: 50 YEAR STORM WIND, TIDE AND WAVE CHARACTERISTICS: 35°47.2'N, 75°05.7'W: SPECIFIED 105 FOOT CHART DEPTH: OFFSHORE KITTY HAWK, NORTH CAROLINA

Chart Depth	105.0 Ft.
Highest Astronomical Tide	4.4 Ft.
Storm Tide	3.3 Ft.
Total Tide	7.7 Ft.
Still Water Depth	112.7 Ft.
Height of Maximum Wave	61.3 Ft.
Period of Maximum Wave	13.6 Sec
Crest Elevation of Maximum Wave Above Still Water Level	42.4 Ft.
Crest Elevation of Maximum Wave Above Chart Datum	50.1 Ft.
Crest Elevation of Maximum Wave Above Bottom	155.1 Ft.
Length of Maximum Wave	799.7 Ft.
1 Hour Wind	114 Mph
0.5 Hour Wind	120 Mph
1 Minute Wind	145 Mph
Maximum Instantaneous Gust	174 Mph

From July 7, 1975 Report

TABLE 15: 50 YEAR DESIGN CURRENT[1] VERSUS PERCENT OF DEPTH: 35°47.2'N, 75°05.7'W: SPECIFIED 105 FOOT CHART DEPTH: OFFSHORE KITTY HAWK, NORTH CAROLINA

Percent Of Depth	Current Speed (Ft/Sec.)
0%	4.7
10%	4.4
20%	4.0
30%	3.6
40%	3.3
50%	3.0
60%	2.6
70%	2.2
80%	1.9
90%	1.5
100%	0.7

NOTES: [1] Recommended Design Current To Be Considered Simultaneous With 50 Year Wave... See Text.

From July 7, 1975 Report

APPENDIX A.2

WAVE PROFILES

FIELD VARIABLES FOR WAVE: CREST:105 FT DEPTH

WAVE PARAMETERS:
HEIGHT = 61.30 FT., PERIOD = 13.60 SECS., LENGTH = 851.35 FT.
WATER DEPTH = 112.70 FT.

PILE DIAMETER: 3.00 FT., BOTTOM CURRENT = 1.20 FT./SEC., SURFACE CURRENT = 4.70 FT./SEC.

All Pressures in PSF
Includes Modification For Effect of Free Surface
Revised Format

WAVE: CREST:105 FT DEPTH

X = (FT.)	-380.00	-360.00	-340.00	-320.00	-300.00	-280.00	-260.00	-240.00	-220.00
FLUID ELEVATION (FT.)	95.94	96.25	96.68	97.26	98.01	98.97	100.18	101.68	103.53
SURFACE									
HOR. DRAG PRESS.	-16.24	-15.16	-13.67	-11.75	-9.41	-6.77	-5.05	-1.57	-0.10
HOR. INER PRESS.	-2.60	-3.87	-5.39	-7.22	-9.37	-11.90	-14.99	-18.81	-23.44
VER. DRAG PRESS.	-0.56	-1.24	-2.34	-4.05	-6.60	-10.34	-15.72	-23.27	-33.56
VER. INER PRESS.	A.15	9.08	10.37	11.96	13.83	16.04	18.57	21.24	23.76
ELEV = 150.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 140.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 130.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 120.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 110.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	-5.05	-1.57	-0.10
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	-14.99	-18.81	-23.44
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	-15.72	-23.27	-33.56
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	18.57	21.24	23.76
ELEV = 100.00									
HOR. DRAG PRESS.	-16.24	-15.16	-13.67	-11.75	-9.41	-6.77	-4.02	-1.51	-0.06
HOR. INER PRESS.	-2.60	-3.87	-5.39	-7.22	-9.37	-11.90	-15.01	-19.00	-23.72
VER. DRAG PRESS.	-0.56	-1.24	-2.34	-4.05	-6.60	-10.34	-15.67	-22.60	-31.46
VER. INER PRESS.	A.15	9.08	10.37	11.96	13.83	16.04	18.54	20.81	22.64
ELEV = 90.00									
HOR. DRAG PRESS.	-16.77	-15.61	-14.02	-11.95	-9.45	-6.62	-3.72	-1.24	-0.01
HOR. INER PRESS.	-2.81	-4.20	-5.84	-7.80	-10.10	-12.82	-16.07	-19.92	-24.34
VER. DRAG PRESS.	-0.51	-1.12	-2.11	-3.60	-5.77	-8.87	-13.12	-18.74	-25.77
VER. INER PRESS.	7.80	8.64	9.79	11.19	12.80	14.61	16.52	18.30	19.64
ELEV = 80.00									
HOR. DRAG PRESS.	-17.76	-16.46	-14.66	-12.37	-9.65	-6.63	-3.60	-1.11	-0.00
HOR. INER PRESS.	-1.12	-4.66	-6.44	-8.50	-10.89	-13.68	-16.91	-20.63	-24.74
VER. DRAG PRESS.	-0.42	-0.93	-1.78	-2.97	-4.74	-7.25	-10.67	-15.11	-20.56
VER. INER PRESS.	7.13	7.87	A.86	10.07	11.46	12.98	14.53	15.92	16.87
ELEV = 70.00									
HOR. DRAG PRESS.	-18.92	-17.46	-15.47	-12.97	-10.03	-6.81	-3.64	-1.08	0.00
HOR. INER PRESS.	-3.40	-5.07	-6.95	-9.10	-11.57	-14.38	-17.58	-21.15	-24.99
VER. DRAG PRESS.	-0.34	-0.75	-1.39	-2.35	-3.75	-5.71	-8.37	-11.78	-15.89
VER. INER PRESS.	6.40	7.03	7.88	8.91	10.09	11.35	12.59	13.65	14.31
ELEV = 60.00									
HOR. DRAG PRESS.	-20.25	-18.65	-16.48	-13.77	-10.61	-7.19	-3.84	-1.15	-0.00
HOR. INER PRESS.	-3.64	-5.41	-7.39	-9.61	-12.13	-14.96	-18.11	-21.54	-25.13
VER. DRAG PRESS.	-0.26	-0.57	-1.05	-1.78	-2.83	-4.30	-6.38	-9.80	-11.80
VER. INER PRESS.	5.60	6.13	6.85	7.71	8.69	9.71	10.70	11.50	11.93
ELEV = 50.00									
HOR. DRAG PRESS.	-21.78	-20.04	-17.69	-14.78	-11.40	-7.76	-4.20	-1.32	-0.01
HOR. INER PRESS.	-3.84	-5.70	-7.75	-10.03	-12.58	-15.42	-18.51	-21.81	-25.18
VER. DRAG PRESS.	-0.18	-0.40	-0.75	-1.27	-2.01	-3.04	-4.44	-6.21	-8.30
VER. INER PRESS.	4.75	5.19	5.78	6.48	7.27	8.09	8.85	9.44	9.71
ELEV = 40.00									
HOR. DRAG PRESS.	-23.54	-21.66	-19.14	-16.01	-12.41	-8.54	-4.75	-1.63	-0.04
HOR. INER PRESS.	-4.00	-5.93	-8.04	-10.37	-12.94	-15.77	-18.81	-22.00	-25.19
VER. DRAG PRESS.	-0.12	-0.26	-0.49	-0.82	-1.30	-1.97	-2.88	-4.05	-5.46
VER. INER PRESS.	3.84	4.21	4.67	5.22	5.84	6.47	7.04	7.46	7.62
ELEV = 30.00									
HOR. DRAG PRESS.	-25.55	-23.54	-20.84	-17.51	-13.68	-9.55	-5.49	-2.20	-0.14
HOR. INER PRESS.	-4.13	-6.11	-8.26	-10.62	-13.22	-16.03	-19.03	-22.13	-25.18
VER. DRAG PRESS.	-0.07	-0.15	-0.28	-0.47	-0.74	-1.12	-1.63	-2.45	-3.53
VER. INER PRESS.	2.93	3.19	3.53	3.94	4.39	4.85	5.26	5.55	5.64
ELEV = 20.00									
HOR. DRAG PRESS.	-27.83	-25.70	-22.83	-19.29	-15.22	-10.82	-6.46	-2.97	-0.40
HOR. INER PRESS.	-4.22	-6.33	-8.62	-11.10	-13.81	-16.22	-19.18	-22.21	-25.15
VER. DRAG PRESS.	-0.03	-0.07	-0.13	-0.21	-0.33	-0.54	-0.93	-1.18	-1.83
VER. INER PRESS.	1.97	2.15	2.37	2.64	2.94	3.24	3.50	3.68	3.72
ELEV = 10.00									
HOR. DRAG PRESS.	-30.42	-28.14	-25.13	-21.39	-17.07	-12.37	-7.68	-3.87	-0.82
HOR. INER PRESS.	-4.27	-6.41	-8.81	-11.41	-13.92	-16.19	-19.27	-22.25	-25.14
VER. DRAG PRESS.	-0.01	-0.03	-0.06	-0.09	-0.14	-0.22	-0.38	-0.58	-0.84
VER. INER PRESS.	0.99	1.08	1.19	1.33	1.48	1.62	1.75	1.84	1.86
ELEV = 0.00									
HOR. DRAG PRESS.	0.00	-2.83	-2.10	-1.87	-1.01	-1.12	-0.72	-0.38	-0.12
HOR. INER PRESS.	0.00	-4.19	-4.19	-10.95	-13.04	-16.14	-19.29	-22.27	-25.13
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A.05

WAVE: CREST=105 FT DEPTH

X =	-200.00	-180.00	-160.00	-140.00	-120.00	-100.00	-80.00	-60.00	-40.00
SURFACE ELEVATION (FT.)	105.79	106.58	111.86	115.82	120.52	126.01	132.38	139.43	146.97
SURFACE									
HOR. DRAG PRESS.	0.75	5.38	16.85	39.60	24.49	174.78	93.72	326.13	279.50
HOR. INER PRESS.	-28.85	-35.04	-42.04	-49.68	-57.40	-64.29	-69.25	-70.71	-64.81
VER. DRAG PRESS.	-47.18	-64.53	-85.55	-109.31	-133.66	-155.18	-165.35	-154.55	-112.86
VER. INER PRESS.	25.82	27.10	27.11	25.11	20.35	12.33	0.90	-14.14	-33.02
ELEV = 150.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	279.50
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-64.81
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-112.86
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-33.02
ELEV = 140.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	93.72	326.13	579.65
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	-69.25	-70.71	-57.32
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	-165.35	-154.55	-88.92
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.90	-14.14	-34.70
ELEV = 130.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	24.49	174.78	324.02	470.16	609.51
HOR. INER PRESS.	0.00	0.00	0.00	0.00	-57.40	-64.29	-67.29	-61.63	-48.32
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	-133.66	-155.18	-154.56	-115.19	-63.43
VER. INER PRESS.	0.00	0.00	0.00	0.00	20.35	12.33	-0.35	-17.69	-35.04
ELEV = 120.00									
HOR. DRAG PRESS.	0.00	0.00	-16.85	-39.60	80.40	144.30	230.21	331.45	431.77
HOR. INER PRESS.	0.00	0.00	-42.04	-49.68	-57.16	-60.43	-59.55	-53.40	-41.02
VER. DRAG PRESS.	0.00	0.00	-85.55	-109.31	-131.01	-131.79	-115.59	-84.46	-45.81
VER. INER PRESS.	0.00	0.00	27.11	25.11	20.03	9.04	-4.50	-19.47	-33.85
ELEV = 110.00									
HOR. DRAG PRESS.	0.75	5.38	17.14	40.14	27.98	133.60	206.06	288.42	367.58
HOR. INER PRESS.	-28.85	-35.04	-41.78	-48.00	-52.65	-54.57	-52.79	-46.47	-35.09
VER. DRAG PRESS.	-47.18	-64.53	-82.14	-95.30	-102.20	-99.93	-86.14	-61.88	-33.06
VER. INER PRESS.	25.82	27.10	26.13	21.87	14.69	4.80	-7.09	-19.86	-31.75
ELEV = 100.00									
HOR. DRAG PRESS.	0.97	6.19	18.30	40.30	74.82	122.97	184.35	252.16	315.75
HOR. INER PRESS.	-29.02	-34.68	-40.29	-45.21	-48.55	-49.39	-46.96	-40.66	-30.26
VER. DRAG PRESS.	-49.09	-63.86	-65.42	-76.54	-74.60	-75.16	-63.80	-45.17	-23.84
VER. INER PRESS.	23.64	23.40	21.40	17.19	10.58	1.80	-8.52	-19.33	-29.14
ELEV = 90.00									
HOR. DRAG PRESS.	1.29	6.84	18.84	39.63	71.02	113.38	165.03	221.39	273.14
HOR. INER PRESS.	-29.14	-34.08	-38.77	-42.60	-44.88	-44.87	-41.98	-35.82	-26.32
VER. DRAG PRESS.	-33.99	-42.82	-51.21	-55.46	-59.65	-56.21	-46.81	-32.74	-17.10
VER. INER PRESS.	20.19	19.59	17.85	13.43	7.45	-0.25	-9.11	-18.20	-26.26
ELEV = 80.00									
HOR. DRAG PRESS.	1.50	7.17	18.84	38.33	66.84	104.26	148.39	195.31	238.02
HOR. INER PRESS.	-29.09	-33.39	-37.27	-40.22	-41.64	-40.97	-37.77	-31.80	-23.12
VER. DRAG PRESS.	-26.79	-33.30	-39.94	-43.82	-44.87	-41.38	-33.96	-23.43	-12.13
VER. INER PRESS.	17.10	16.29	14.14	10.42	5.11	-1.56	-9.09	-16.67	-23.30
ELEV = 70.00									
HOR. DRAG PRESS.	1.57	7.20	18.39	36.56	62.47	95.70	134.07	173.47	209.00
HOR. INER PRESS.	-24.92	-32.67	-35.87	-38.08	-38.82	-37.65	-34.25	-28.49	-20.51
VER. DRAG PRESS.	-20.49	-25.16	-29.25	-31.97	-32.36	-29.77	-24.18	-16.47	-8.66
VER. INER PRESS.	14.31	13.40	11.36	8.01	3.39	-2.31	-8.62	-14.09	-20.29
ELEV = 60.00									
HOR. DRAG PRESS.	1.52	6.96	17.59	34.47	58.08	87.78	121.47	155.54	185.23
HOR. INER PRESS.	-24.69	-31.97	-34.61	-36.22	-36.82	-34.86	-31.33	-25.79	-18.81
VER. DRAG PRESS.	-15.07	-18.30	-21.04	-22.72	-22.76	-20.74	-16.70	-11.29	-5.74
VER. INER PRESS.	11.79	10.88	9.01	6.09	2.15	-2.62	-7.83	-12.94	-17.30
ELEV = 50.00									
HOR. DRAG PRESS.	1.36	6.51	16.51	32.17	53.76	80.52	110.46	140.35	166.12
HOR. INER PRESS.	-28.48	-31.32	-33.59	-34.64	-34.61	-32.59	-28.97	-23.62	-16.76
VER. DRAG PRESS.	-10.51	-12.63	-14.37	-15.36	-15.24	-13.78	-11.01	-7.66	-3.78
VER. INER PRESS.	9.50	8.69	7.02	4.55	1.28	-2.61	-6.82	-10.90	-14.34
ELEV = 40.00									
HOR. DRAG PRESS.	1.11	5.87	15.22	29.77	49.60	73.94	100.89	127.53	150.31
HOR. INER PRESS.	-28.19	-30.75	-32.57	-33.34	-32.79	-30.74	-27.09	-21.93	-15.44
VER. DRAG PRESS.	-6.74	-8.07	-9.09	-9.63	-9.68	-8.51	-6.76	-4.52	-2.28
VER. INER PRESS.	7.19	6.65	5.31	3.31	0.71	-2.36	-5.63	-8.79	-11.43
ELEV = 30.00									
HOR. DRAG PRESS.	0.85	5.11	13.78	27.30	45.62	68.01	92.61	116.77	137.31
HOR. INER PRESS.	-27.98	-30.29	-31.83	-32.32	-31.54	-29.34	-25.68	-20.65	-14.47
VER. DRAG PRESS.	-4.04	-4.56	-5.08	-5.34	-5.22	-4.66	-3.68	-2.45	-1.23
VER. INER PRESS.	5.43	4.84	3.80	2.30	0.35	-1.92	-4.33	-6.63	-8.56
ELEV = 22.00									
HOR. DRAG PRESS.	0.62	4.27	12.24	24.81	41.69	62.70	85.52	107.88	126.75
HOR. INER PRESS.	-27.82	-29.65	-31.29	-31.60	-30.66	-28.35	-24.68	-19.76	-13.79
VER. DRAG PRESS.	-2.18	-2.64	-2.96	-3.15	-3.09	-2.83	-2.30	-1.66	-0.93
VER. INER PRESS.	3.57	3.16	2.46	1.44	0.15	-1.35	-3.04	-4.85	-6.70
ELEV = 10.00									
HOR. DRAG PRESS.	0.28	3.49	10.61	22.14	38.19	57.99	79.50	100.54	118.35
HOR. INER PRESS.	-27.71	-29.28	-30.97	-31.16	-30.13	-27.77	-24.09	-19.23	-13.19
VER. DRAG PRESS.	-0.75	-0.97	-0.97	-0.99	-0.97	-0.90	-0.80	-0.26	-0.13
VER. INER PRESS.	1.77	1.56	1.21	0.70	0.05	-0.70	-1.49	-2.24	-2.66
ELEV = 0.00									
HOR. DRAG PRESS.	0.00	0.29	0.70	1.56	2.75	4.22	5.84	7.43	8.77
HOR. INER PRESS.	-27.67	-29.27	-30.86	-31.02	-29.95	-27.69	-23.90	-19.00	-13.26
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A.06

WAVE: CREST=105 FT DEPTH

X = (FT.)	-20.00	0.00	20.00	40.00	60.00	80.00	100.00	120.00	140.00
S E = ELEVATION (FT.)	153.82	156.96	153.82	146.97	139.43	132.30	126.01	120.52	115.82
SURFACE									
HOR. DRAG PRESS.	259.84	361.90	259.84	279.50	324.13	93.72	174.78	28.49	39.60
HOR. INER PRESS.	-43.08	0.00	43.08	64.81	70.71	69.25	64.29	57.40	49.68
VER. DRAG PRESS.	-43.27	0.00	43.27	113.86	154.55	165.35	155.18	133.66	109.31
VER. INER PRESS.	-53.07	-63.09	-53.07	-33.02	-14.14	0.90	12.33	20.35	25.11
ELEV = 150.00									
HOR. DRAG PRESS.	547.05	667.18	547.05	279.50	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	-39.77	0.00	39.77	64.81	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	-37.45	0.00	37.45	117.86	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	-53.17	-61.82	-53.17	-33.02	0.00	0.00	0.00	0.00	0.00
ELEV = 140.00									
HOR. DRAG PRESS.	815.65	916.30	815.65	579.65	324.13	93.72	0.00	0.00	0.00
HOR. INER PRESS.	-32.52	0.00	32.52	57.32	70.71	69.25	0.00	0.00	0.00
VER. DRAG PRESS.	-25.99	0.00	25.99	88.92	154.55	165.35	0.00	0.00	0.00
VER. INER PRESS.	-51.61	-58.23	-51.61	-34.70	-14.14	0.90	0.00	0.00	0.00
ELEV = 130.00									
HOR. DRAG PRESS.	703.01	732.39	703.01	609.51	470.16	324.02	174.78	28.49	0.00
HOR. INER PRESS.	-26.90	0.00	26.90	48.32	61.63	67.29	64.29	57.40	0.00
VER. DRAG PRESS.	-18.28	0.00	18.28	63.63	115.19	154.56	155.18	133.66	0.00
VER. INER PRESS.	-48.48	-53.69	-48.48	-35.04	-17.69	-0.35	12.33	20.35	0.00
ELEV = 120.00									
HOR. DRAG PRESS.	506.26	534.58	506.26	431.77	331.45	230.21	144.30	80.40	39.60
HOR. INER PRESS.	-22.50	0.00	22.50	41.02	53.40	59.55	60.43	57.16	49.68
VER. DRAG PRESS.	-15.99	0.00	15.99	45.81	84.46	115.59	131.79	131.91	109.31
VER. INER PRESS.	-44.59	-48.62	-44.59	-33.85	-19.87	-4.50	9.04	20.03	25.11
ELEV = 110.00									
HOR. DRAG PRESS.	426.01	447.67	426.01	367.58	288.42	206.06	133.60	77.98	40.18
HOR. INER PRESS.	-19.01	0.00	19.01	35.09	46.87	52.79	54.57	52.65	48.00
VER. DRAG PRESS.	-9.27	0.00	9.27	31.06	61.88	86.14	99.93	102.20	95.30
VER. INER PRESS.	-40.39	-43.58	-40.39	-31.75	-19.86	-7.09	4.80	14.69	21.87
ELEV = 100.00									
HOR. DRAG PRESS.	361.78	378.68	361.78	315.75	252.16	184.35	122.97	74.82	40.30
HOR. INER PRESS.	-16.22	0.00	16.22	30.26	40.66	46.86	48.39	48.56	45.21
VER. DRAG PRESS.	-6.63	0.00	6.63	23.84	48.19	63.80	75.16	78.60	74.68
VER. INER PRESS.	-36.12	-38.67	-36.12	-29.14	-19.33	-8.52	1.80	10.58	17.19
ELEV = 90.00									
HOR. DRAG PRESS.	310.02	323.44	310.02	273.14	221.39	165.03	113.38	71.02	39.63
HOR. INER PRESS.	-13.99	0.00	13.99	26.32	35.82	41.98	44.87	44.88	42.60
VER. DRAG PRESS.	-4.72	0.00	4.72	17.10	32.78	46.81	56.21	59.65	57.46
VER. INER PRESS.	-31.93	-33.97	-31.93	-26.28	-18.20	-9.11	-0.25	7.45	13.63
ELEV = 80.00									
HOR. DRAG PRESS.	268.05	278.90	268.05	238.02	195.31	148.39	104.26	66.84	38.33
HOR. INER PRESS.	-12.20	0.00	12.20	23.12	31.80	37.77	40.97	41.64	40.22
VER. DRAG PRESS.	-3.33	0.00	3.33	12.13	23.43	33.96	41.38	44.47	43.42
VER. INER PRESS.	-27.87	-29.51	-27.87	-23.30	-16.67	-9.09	-1.56	5.11	10.42
ELEV = 70.00									
HOR. DRAG PRESS.	233.87	242.81	233.87	209.00	173.47	134.07	95.70	62.47	36.56
HOR. INER PRESS.	-10.75	0.00	10.75	20.51	28.49	34.25	37.65	38.82	38.08
VER. DRAG PRESS.	-2.31	0.00	2.31	8.46	16.47	24.18	29.77	32.36	31.97
VER. INER PRESS.	-23.97	-25.29	-23.97	-20.29	-14.89	-8.62	-2.31	3.39	8.01
ELEV = 60.00									
HOR. DRAG PRESS.	205.98	213.47	205.98	185.23	155.58	121.47	87.78	58.08	34.47
HOR. INER PRESS.	-9.60	0.00	9.60	18.41	25.79	31.33	34.86	36.42	36.22
VER. DRAG PRESS.	-1.56	0.00	1.56	5.74	11.29	16.70	20.74	22.78	22.72
VER. INER PRESS.	-20.24	-21.28	-20.24	-17.30	-12.94	-7.83	-2.62	2.15	6.09
ELEV = 50.00									
HOR. DRAG PRESS.	183.46	189.89	183.46	166.12	140.35	110.46	80.52	53.76	32.17
HOR. INER PRESS.	-8.68	0.00	8.68	16.78	23.62	28.97	32.57	34.41	34.66
VER. DRAG PRESS.	-1.01	0.00	1.01	3.74	7.40	11.01	13.78	15.24	15.36
VER. INER PRESS.	-16.46	-17.47	-16.46	-14.34	-10.90	-6.82	-2.61	1.28	4.55
ELEV = 40.00									
HOR. DRAG PRESS.	165.72	171.18	165.72	150.31	127.53	100.89	73.94	49.60	29.77
HOR. INER PRESS.	-7.94	0.00	7.98	15.44	21.93	27.09	30.74	32.79	33.14
VER. DRAG PRESS.	-0.61	0.00	0.61	2.28	4.52	6.76	8.51	9.48	9.63
VER. INER PRESS.	-13.20	-13.82	-13.20	-11.43	-8.79	-5.65	-2.36	0.71	3.31
ELEV = 30.00									
HOR. DRAG PRESS.	151.15	156.04	151.15	137.31	116.77	92.41	68.01	45.62	27.30
HOR. INER PRESS.	-7.45	0.00	7.45	14.47	20.65	25.68	29.34	31.54	32.32
VER. DRAG PRESS.	-0.33	0.00	0.33	1.23	2.45	3.68	4.66	5.22	5.34
VER. INER PRESS.	-9.83	-10.28	-9.83	-8.56	-6.63	-4.33	-1.92	0.35	2.30
ELEV = 20.00									
HOR. DRAG PRESS.	139.46	143.94	139.46	126.75	107.84	85.32	62.70	41.89	24.81
HOR. INER PRESS.	-7.09	0.00	7.09	13.79	19.76	24.66	28.35	30.66	31.40
VER. DRAG PRESS.	-0.18	0.00	0.18	0.63	1.26	1.90	2.03	2.27	2.35
VER. INER PRESS.	-6.58	-6.83	-6.58	-5.70	-4.45	-2.94	-1.35	0.15	1.44
ELEV = 10.00									
HOR. DRAG PRESS.	130.10	134.51	130.10	118.35	100.58	79.50	57.99	38.19	22.14
HOR. INER PRESS.	-6.87	0.00	6.87	13.39	19.23	24.09	27.77	30.13	31.16
VER. DRAG PRESS.	-0.04	0.00	0.04	0.13	0.26	0.40	0.50	0.57	0.59
VER. INER PRESS.	-3.27	-3.41	-3.27	-2.86	-2.24	-1.49	-0.70	0.05	0.70
ELEV = 0.00									
HOR. DRAG PRESS.	9.68	10.02	9.68	8.77	7.43	5.88	4.22	2.75	1.56
HOR. INER PRESS.	-4.80	0.00	4.80	13.26	19.08	23.90	27.57	29.95	31.02
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A.07

WAVE: CREST:105 FT DEPTH

X = (FT.)	160.00	180.00	200.00	220.00	240.00	260.00	280.00	300.00	320.00
SURFACE ELEVATION (FT.)	111.86	108.54	105.79	103.53	101.68	100.18	98.97	98.01	97.26
SURFACE									
HOR. DRAG PRESS.	16.85	5.38	0.75	-0.10	-1.57	-5.05	-6.77	-9.41	-11.75
HOR. INER PRESS.	42.04	35.04	28.85	23.44	18.81	14.99	11.90	9.37	7.22
VER. DRAG PRESS.	85.55	64.53	47.18	33.58	23.27	15.72	10.38	6.60	4.05
VER. INER PRESS.	27.11	27.10	25.82	23.76	21.24	18.57	16.04	13.83	11.96
ELEV = 150.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 140.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 130.00									
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 120.00									
HOR. DRAG PRESS.	16.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HOR. INER PRESS.	42.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	85.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	27.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELEV = 110.00									
HOR. DRAG PRESS.	17.14	5.38	0.75	-0.10	-1.57	-5.05	0.00	0.00	0.00
HOR. INER PRESS.	41.78	35.04	28.85	23.44	18.81	14.99	0.00	0.00	0.00
VER. DRAG PRESS.	82.18	64.53	47.18	33.58	23.27	15.72	0.00	0.00	0.00
VER. INER PRESS.	26.13	27.10	25.82	23.76	21.24	18.57	0.00	0.00	0.00
ELEV = 100.00									
HOR. DRAG PRESS.	18.30	6.19	0.97	-0.06	-1.51	-4.02	-6.77	-9.41	-11.75
HOR. INER PRESS.	40.29	34.68	29.02	23.72	19.00	15.01	11.90	9.37	7.22
VER. DRAG PRESS.	65.45	53.86	42.09	31.48	22.60	15.67	10.38	6.60	4.05
VER. INER PRESS.	21.40	23.40	23.64	22.64	20.81	18.54	16.04	13.83	11.96
ELEV = 90.00									
HOR. DRAG PRESS.	18.84	6.84	1.29	-0.01	-1.24	-3.72	-6.62	-9.45	-11.95
HOR. INER PRESS.	38.77	34.08	29.14	24.38	19.92	16.07	12.82	10.10	7.80
VER. DRAG PRESS.	51.21	42.82	33.99	25.77	18.78	13.12	8.87	5.77	3.60
VER. INER PRESS.	17.65	19.59	20.19	19.64	18.30	16.52	14.61	12.80	11.19
ELEV = 80.00									
HOR. DRAG PRESS.	18.84	7.17	1.50	-0.00	-1.11	-3.60	-6.63	-9.65	-12.37
HOR. INER PRESS.	37.27	33.39	29.09	24.74	20.63	16.91	13.68	10.89	8.50
VER. DRAG PRESS.	39.24	33.30	26.79	20.56	15.11	10.67	7.25	4.74	2.97
VER. INER PRESS.	14.14	16.29	17.10	16.87	15.92	14.53	12.98	11.46	10.07
ELEV = 70.00									
HOR. DRAG PRESS.	18.39	7.20	1.57	0.00	-1.08	-3.64	-6.81	-10.03	-12.97
HOR. INER PRESS.	35.87	32.67	28.92	24.99	21.15	17.58	14.38	11.57	9.10
VER. DRAG PRESS.	29.35	25.16	20.49	15.89	11.78	8.37	5.71	3.75	2.35
VER. INER PRESS.	11.36	13.40	14.31	14.31	13.65	12.59	11.35	10.09	8.91
ELEV = 60.00									
HOR. DRAG PRESS.	17.59	6.96	1.52	-0.00	-1.15	-3.84	-7.19	-10.61	-13.77
HOR. INER PRESS.	34.61	31.97	28.69	25.13	21.54	18.11	14.96	12.13	9.61
VER. DRAG PRESS.	21.04	18.30	15.07	11.80	8.80	6.28	4.30	2.83	1.78
VER. INER PRESS.	9.01	10.84	11.79	11.93	11.50	10.70	9.71	8.69	7.71
ELEV = 50.00									
HOR. DRAG PRESS.	16.51	6.51	1.36	-0.01	-1.32	-4.20	-7.76	-11.40	-14.78
HOR. INER PRESS.	33.59	31.32	28.44	25.18	21.81	18.51	15.42	12.58	10.03
VER. DRAG PRESS.	14.17	12.68	10.51	8.30	6.21	4.48	3.08	2.01	1.24
VER. INER PRESS.	7.02	8.65	9.50	9.71	9.48	8.85	8.09	7.27	6.48
ELEV = 40.00									
HOR. DRAG PRESS.	15.22	5.87	1.11	-0.04	-1.63	-4.75	-8.54	-12.41	-16.01
HOR. INER PRESS.	32.57	30.75	28.19	25.19	22.00	18.81	15.77	12.98	10.37
VER. DRAG PRESS.	9.09	8.07	6.78	5.46	4.05	2.88	1.97	1.30	0.82
VER. INER PRESS.	5.11	6.65	7.39	7.62	7.46	7.04	6.47	5.84	5.22
ELEV = 30.00									
HOR. DRAG PRESS.	13.78	5.11	0.85	-0.14	-2.20	-5.49	-9.55	-13.68	-17.51
HOR. INER PRESS.	31.83	30.29	27.98	25.18	22.13	19.03	16.03	13.22	10.62
VER. DRAG PRESS.	5.04	4.54	4.06	3.53	2.45	1.43	1.12	0.74	0.47
VER. INER PRESS.	3.80	4.84	5.43	5.64	5.55	5.26	4.85	4.39	3.94
ELEV = 20.00									
HOR. DRAG PRESS.	12.24	4.27	0.62	-0.40	-2.97	-6.86	-10.82	-15.22	-19.29
HOR. INER PRESS.	31.27	29.95	27.82	25.15	22.21	19.18	16.22	13.41	10.80
VER. DRAG PRESS.	2.24	2.08	1.18	1.43	1.14	0.93	0.50	0.33	0.21
VER. INER PRESS.	2.66	3.16	3.57	3.72	3.68	3.50	3.24	2.94	2.64
ELEV = 10.00									
HOR. DRAG PRESS.	10.63	3.69	0.20	-0.82	-3.87	-7.68	-12.17	-17.07	-21.39
HOR. INER PRESS.	30.97	29.74	27.71	25.14	22.25	19.27	16.32	13.52	10.91
VER. DRAG PRESS.	0.57	0.47	0.26	0.46	0.28	0.18	0.12	0.08	0.05
VER. INER PRESS.	1.21	1.56	1.77	1.86	1.84	1.75	1.62	1.48	1.33
ELEV = 0.00									
HOR. DRAG PRESS.	0.70	0.28	0.00	-0.12	-0.38	-0.72	-1.12	-1.51	-1.87
HOR. INER PRESS.	30.86	29.67	27.67	25.13	22.27	19.29	16.36	13.56	10.95
VER. DRAG PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

A.08

WAVE: CREST:105 FT DEPTH

X =	340.00	360.00	380.00	400.00
Y =	96.68	96.25	95.94	95.76
SURFACE				
HOR. DRAG PRESS.	-13.67	-15.16	-16.24	-16.93
HOR. INER PRESS.	5.39	3.87	2.60	1.46
VER. DRAG PRESS.	2.34	1.24	0.56	0.17
VER. INER PRESS.	10.37	9.08	8.15	7.62
ELEV = 150.00				
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00
ELEV = 140.00				
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00
ELEV = 130.00				
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00
ELEV = 120.00				
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00
ELEV = 110.00				
HOR. DRAG PRESS.	0.00	0.00	0.00	0.00
HOR. INER PRESS.	0.00	0.00	0.00	0.00
VER. DRAG PRESS.	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00
ELEV = 100.00				
HOR. DRAG PRESS.	-13.67	-15.16	-16.24	-16.93
HOR. INER PRESS.	5.39	3.87	2.60	1.46
VER. DRAG PRESS.	2.34	1.24	0.56	0.17
VER. INER PRESS.	10.37	9.08	8.15	7.62
ELEV = 90.00				
DRAG PRESS.	-14.02	-15.61	-16.77	-17.50
INER PRESS.	5.84	4.20	2.81	1.56
DRAG PRESS.	2.11	1.12	0.51	0.15
INER PRESS.	9.79	8.64	7.80	7.30
ELEV = 80.00				
HOR. DRAG PRESS.	-14.66	-16.46	-17.76	-18.60
HOR. INER PRESS.	6.44	4.66	3.12	1.92
VER. DRAG PRESS.	1.74	0.93	0.42	0.13
VER. INER PRESS.	8.86	7.87	7.13	6.68
ELEV = 70.00				
HOR. DRAG PRESS.	-15.47	-17.46	-18.92	-19.85
HOR. INER PRESS.	6.95	5.07	3.40	1.87
VER. DRAG PRESS.	1.39	0.75	0.34	0.10
VER. INER PRESS.	7.88	7.03	6.40	6.00
ELEV = 60.00				
HOR. DRAG PRESS.	-16.48	-18.65	-20.25	-21.28
HOR. INER PRESS.	7.39	5.41	3.64	2.00
VER. DRAG PRESS.	1.05	0.57	0.26	0.08
VER. INER PRESS.	6.95	6.13	5.60	5.26
ELEV = 50.00				
HOR. DRAG PRESS.	-17.49	-20.04	-21.78	-22.90
HOR. INER PRESS.	7.75	5.70	3.84	2.12
VER. DRAG PRESS.	0.75	0.40	0.18	0.06
VER. INER PRESS.	5.78	5.19	4.75	4.46
ELEV = 40.00				
HOR. DRAG PRESS.	-19.14	-21.66	-23.54	-24.75
HOR. INER PRESS.	8.04	5.93	4.00	2.21
VER. DRAG PRESS.	0.49	0.26	0.12	0.04
VER. INER PRESS.	4.67	4.21	3.86	3.63
ELEV = 30.00				
HOR. DRAG PRESS.	-20.84	-23.54	-25.55	-26.84
HOR. INER PRESS.	8.26	6.11	4.13	2.28
VER. DRAG PRESS.	0.24	0.15	0.07	0.02
VER. INER PRESS.	3.51	3.19	2.93	2.76
ELEV = 20.00				
HOR. DRAG PRESS.	-22.83	-25.70	-27.83	-29.20
HOR. INER PRESS.	8.42	6.23	4.22	2.33
VER. DRAG PRESS.	0.13	0.07	0.03	0.01
VER. INER PRESS.	2.37	2.15	1.97	1.86
ELEV = 10.00				
DRAG PRESS.	-25.13	-28.14	-30.42	-31.87
INER PRESS.	8.51	6.31	4.27	2.34
DRAG PRESS.	0.03	0.02	0.01	0.00
INER PRESS.	1.19	1.08	0.99	0.94
ELEV = 0.00				
HOR. DRAG PRESS.	-2.18	-2.43	-2.61	-2.73
HOR. INER PRESS.	8.58	6.34	4.29	2.37
VER. DRAG PRESS.	0.00	0.00	0.00	0.00
VER. INER PRESS.	0.00	0.00	0.00	0.00

(10)

APPENDIX B.1

SEALOAD - 50 Year Storm - Complete Pass

6000 REMOTE BATCH

UNITED COMPUTING 67, APEX/SL 8.7.0

14.57.53. 08/27/76.

```
PPPPPPPPPPP   UU      UU  YY      YY   33333333333   DDDDDDDDDD     LL          KK      KK
PPPPPPPPPPPP  UU      UU  YY      YY   333333333333  DDDDDDDDDDD    LL          KK     KK
PP      PP    UU      UU  YY      YY  3      33     DD      DD     LL          KK    KK
PP      PP    UU      UU  YY      YY         33     DD      DD     LL          KK   KK
PP      PP    UU      UU  YY      YY        33      DD      DD     LL          KK  KK
PP      PP    UU      UU  YY      YY       33       DD      DD     LL          KK KK
PPPPPPPPPPP   UU      UU   YY    YY       33        DD      DD     LL          KKKKK
PP            UU      UU    YY  YY       33        DD      DD     LL          KKKKK
PP            UU      UU     YYYY        33        DD      DD     LL          KK KK
PP            UU      UU      YY         33        DD      DD     LL          KK  KK
PP            UU      UU      YY         33        DD      DD     LL          KK   KK
PP            UU      UU      YY         33        DD      DD     LL          KK    KK
PP            UUUUUUUUUU      YY  3      33        DD      DD     LL      LL  KK     KK
PP             UUUUUUUU       YY  333333333333    DDDDDDDDDDD    LLLLLLLLLLLL  KK      KK
PP               UUUU         YY   333333333      DDDDDDDDD      LLLLLLLLLLLL  KK       KK
```

SYNERCUM TECHNOLOGY USER BULLETIN

STRAN BULLETIN #5
*** ENDLOAD ***

THE METHOD FOR CALCULATING THE MOMENTS, SHEARS, AND AXIAL FORCES AT THE EXTREME ENDS OF A MEMBER HAS BEEN MODIFIED TO CORRECTLY INCLUDE CONCENTRATED LOADS OR MOMENTS APPLIED AT THE ENDS OF THE MEMBER. THIS TECHNIQUE IS BELIEVED TO GIVE THE TRUE EVALUATION OF THE ACTIONS AT THE ENDS OF A MEMBER DUE TO JOINT LOADS APPLIED AS MEMBER END LOADS. THEREFORE, FOR ANY MEMBER HAVING END LOADS--

1. ALL MEMBER STRESS REPORTS MAY BE EFFECTED.
2. SHEAR STRESSES WILL CHANGE WHERE CONCENTRATED LOADS ARE APPLIED AT THE MEMBER END.
3. BENDING OR TORSIONAL STRESSES WILL CHANGE WHERE MOMENT LOADS ARE APPLIED AT THE MEMBER END.
4. STRESSES OTHER THAN AT THE END WHERE THE LOAD IS APPLIED WILL NOT CHANGE.
5. MEMBERS WITHOUT END LOADS WILL NOT CHANGE.
6. THE MEMBER FORCES AND MOMENTS REPORT DOES NOT CHANGE.

HAVE YOU READ BULLETIN NO.4 REGARDING THE NEW ALLOWABLE STRESS AND UNITY CHECK FEATURES.

NOTE - IF YOU DO NOT HAVE ALL OF THE BULLETINS, YOU MAY OBTAIN A COPY BY SUBMITTING A RUN WITH THE FOLLOWING CONTROL CARDS:

```
GET,MARCBUL.
COPYSBF,MARCBUL.
```

```
                    ************************************************
                    *                                              *
                    *                  SEALOAD-2                   *                                    PAGE    1
                    *                                              *
                    *      DEVELOPED BY SYNERCOM TECHNOLOGY, INC.  *
                    *                 HOUSTON, TEXAS               *
                    *                RELEASE 2  MOD 13             *
                    *                   AUG 1976                   *
                    *                                              *
                    ************************************************

                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

      1  COEF    1.0  1.00        1.00
      2          16.0  1.00        1.00
      3          17.57 1.00        0.257
      4          18.0  1.00        1.00
      5          20.0  1.00        1.00
      6          20.33 1.00        0.297
      7          22.05 1.00        0.322
      8          24.0  1.00        1.00
      9          24.81 1.00        0.363
     10          25.8  1.00        0.246
     11          27.57 1.00        0.403
     12          30.0  1.00        1.00
     13          30.32 1.00        0.443
     14          36.0  1.00        1.00
     15          40.0  1.00        1.00
     16          47.0  1.00        1.00
     17          65.47 1.00        0.957
     18          68.25 1.00        0.997
     19  END     70.0  1.00        1.00
     20  U.S. NAVY  =  ACMR PLATFORMS  =  PLATFORMS #3 + #4  =  MLW 105.0 FEET
     21                        WAVE FOR 50 YEAR STURM = MODIFIED
     22                                  J.  TALBOT
     23                               AUGUST, 1976
     24                                 27-771-01
     25  STMAN    1 60 425425 5  1   2 90 425425 5  1 DF        00 5                    3 11
     26  END      3240 425425 5  1   4270 425425 5  1
     27  GRID     41   17            FULL VERT        105.0
     28  XSPC     00   200   400   600   800  1000  1200  1400  1600  1800  2000  2200  2400  2600  2800
     29  XSPC   3000  3200  3400  3600  3800  4000  4700  4900  5100  5300  5500  5700  5900  6100  6500
     30  XSPC   6500  6700  6900  7100  7300  7500  7700  7900  8100  8300  8500
     31  YSPC   1500  1400  1300  1200  1100  1000   900   800   700   600   500   400   300   200   100
     32  YSPC     00
     33  YSPF   1570  1538  1470  1394  1323  1260  1205  1158  1119  1085  1058  1035  1017  1002   990
     34  YSPF    980   973   967   963   959   958   959   963   967   973   980   999  1002  1017  1035
     35  YSPF   1058  1085  1119  1158  1205  1260  1323  1394  1470  1538  1570
     36    SUR  3619  2598  2795  3261   937  1748   245   396   169    54    08   -01   -16   -51   -68
     37    SUR   -94  -115  -137  -152  -162  -169  -162  -152  -137  -118   -94   -68   -51   -16   -01
     38    SUR    08    54   169   396   245  1748   937  3261  2795  2598  3619
     39    150  6672  5471  2795
     40    150
     41    150                                              2795  5471  6672
     42    140  9163  8157  5797  3261   937
```

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

   43   140
   44   140                                                  937 3261 5797 8157 9163
   45   130 7324 7030 6095 4702 3240 1748  245
   46   130
   47   130                                 245 1748 3240 4702 6095 7030 7324
   48   120 5346 5063 4318 3315 2302 1443  804  396  169
   49   120
   50   120                169  396  804 1443 2302 3315 4318 5063 5346
   51   110 4477 4260 3676 2884 2061 1336  780  401  171   54   08  -01  -18  -51
   52   110                                                             -51  -18  -01
   53   110   08   54  171  401  780 1336 2061 2884 3676 4260 4477
   54   100 3787 3615 3158 2522 1844 1230  748  403  163   62   10  -01  -15  -40  -68
   55   100  -94 -118 -137 -152 -162 -169 -162 -152 -137 -118  -94  -68  -40  -15  -01
   56   100   10   62  163  403  748 1230 1844 2522 3158 3615 3787
   57    90 3234 3100 2731 2214 1650 1154  710  396  188   68   13       -12  -37  -66
   58    90  -95 -120 -140 -156 -168 -175 -168 -156 -140 -120  -95  -66  -37  -12
   59    90   13   68  188  396  710 1154 1650 2214 2731 3100 3234
   60    80 2789 2661 2340 1953 1484 1043  658  383  188   72   15       -11  -36  -66
   61    80  -97 -124 -147 -165 -176 -186 -176 -165 -147 -124  -97  -66  -36  -11
   62    80   15   72  188  383  668 1043 1484 1953 2340 2661 2789
   63    70 2420 2339 2090 1735 1341  957  625  366  184   72   16       -11  -36  -68
   64    70 -100 -130 -155 -175 -189 -199 -189 -175 -155 -130 -100  -68  -36  -11
   65    70   16   72  184  366  625  957 1341 1735 2090 2339 2420
   66    60 2135 2060 1852 1555 1215  878  581  345  170   70   15       -15  -38  -72
   67    60 -106 -134 -165 -187 -203 -213 -203 -187 -165 -134 -106  -72  -38  -15
   68    60   15   70  176  345  581  878 1215 1555 1852 2060 2135
   69    50 1899 1837 1661 1404 1105  805  538  322  155   65   14       -13  -42  -78
   70    50 -114 -144 -177 -200 -218 -229 -218 -200 -177 -148 -114  -78  -42  -13
   71    50   14   65  155  322  538  805 1105 1404 1661 1837 1899
   72    40 1712 1657 1503 1275 1008  739  496  298  152   59   11       -16  -48  -85
   73    40 -124 -160 -191 -217 -235 -244 -235 -217 -191 -160 -124  -85  -48  -16
   74    40   11   59  152  298  496  739 1008 1275 1503 1657 1712
   75    30 1560 1512 1373 1168  926  680  456  273  138   51   01       -22  -55  -96
   76    30 -137 -175 -208 -235 -256 -268 -256 -235 -208 -175 -137  -96  -55  -22
   77    30   01   51  138  273  456  680  926 1168 1373 1512 1560
   78    20 1439 1395 1268 1078  852  627  419  248  122   43   06  -04  -30  -65 -108
   79    20 -152 -193 -228 -257 -278 -292 -278 -257 -228 -193 -152 -108  -65  -30  -04
   80    20   06   43  122  248  419  627  855 1078 1268 1395 1439
   81    10 1345 1303 1184 1005  795  580  384  223  106   37   03  -08  -39  -77 -124
   82    10 -171 -214 -251 -282 -304 -319 -304 -282 -251 -214 -171 -124  -77  -39  -08
   83    10   03   37  106  223  384  580  795 1005 1184 1303 1345
   84     0 1275 1234 1119  947  745  534  351  200   90   30       -15  -48  -92 -143
   85     0 -193 -238 -278 -310 -333 -349 -333 -310 -278 -238 -193 -143  -92  -48  -15
   86     0        30   90  200  351  534  745  947 1119 1234 1275
   87   SUR       431  648  707  693  643  574  497  420  350  289  234  188  150  119
   88   SUR   94   72   54   39   26   15   -26  -39  -54  -72  -94 -119 -150 -188 -234
   89   SUR -289 -350 -420 -497 -574 -643 -693 -707 -648 -431
   90   150       398  648
   91   150
   92   150                                          -648 -398
```

		1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
LINE NO.	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0															
93	140		325	573	707	693										
94	140															
95	140							-693	-707	-573	-325					
96	130		269	483	616	673	643	574								
97	130															
98	130					-574	-643	-673	-616	-483	-269					
99	120		225	410	534	596	604	572	497	420						
100	120															
101	120			-420	-497	-572	-604	-596	-534	-410	-225					
102	110		190	351	465	528	546	527	480	418	350	289	234	188	150	
103	110													-150	-188	-234
104	110	-249	-350	-418	-480	-527	-546	-528	-465	-351	-190					
105	100		162	303	407	470	494	486	452	403	347	290	237	190	150	119
106	100	94	72	54	39	26	15	-26	-39	-54	-72	-94	-119	-150	-190	-237
107	100	-290	-347	-403	-452	-486	-494	-470	-407	-305	-102					
108	90		140	253	358	420	449	449	426	388	341	291	243	199	161	128
109	90	101	78	58	42	28	16	-28	-42	-58	-78	-101	-128	-161	-199	-243
110	90	-291	-341	-388	-426	-449	-449	-420	-358	-265	-140					
111	80		122	231	318	378	410	416	400	373	334	291	247	206	169	137
112	80	109	85	64	47	31	17	-31	-47	-64	-85	-109	-137	-169	-206	-247
113	80	-291	-334	-373	-400	-416	-410	-378	-318	-231	-122					
114	70		108	205	285	343	377	388	381	359	327	289	250	211	176	144
115	70	116	91	70	51	34	19	-34	-51	-70	-91	-116	-144	-176	-211	-250
116	70	-289	-327	-359	-381	-386	-377	-343	-285	-205	-108					
117	60		96	184	258	313	349	364	362	346	320	287	251	215	181	150
118	60	121	96	74	54	36	20	-36	-54	-74	-96	-121	-150	-181	-215	-251
119	60	-287	-320	-346	-362	-364	-349	-313	-258	-184	-96					
120	50		87	167	236	290	326	344	346	335	313	284	252	218	185	154
121	50	126	100	78	57	38	21	-38	-57	-78	-100	-126	-154	-185	-218	-252
122	50	-284	-313	-335	-346	-344	-326	-290	-234	-167	-87					
123	40		80	154	219	271	307	328	333	326	308	282	252	220	188	158
124	40	129	104	80	59	40	22	-40	-59	-80	-104	-129	-158	-188	-220	-252
125	40	-282	-308	-326	-333	-328	-307	-271	-219	-154	-80					
126	30		75	145	207	257	293	315	323	316	303	280	252	221	190	160
127	30	132	106	83	61	41	23	-41	-61	-83	-106	-132	-160	-190	-221	-252
128	30	-280	-303	-316	-323	-315	-293	-257	-207	-145	-75					
129	20		71	136	198	247	284	307	316	313	300	278	252	222	192	162
130	20	134	108	84	62	42	23	-42	-62	-84	-108	-134	-162	-192	-222	-252
131	20	-278	-300	-313	-316	-307	-284	-247	-198	-136	-71					
132	10		69	134	192	241	278	301	312	310	297	277	251	223	193	163
133	10	135	109	85	63	43	24	-43	-63	-85	-109	-135	-163	-193	-223	-251
134	10	-277	-297	-310	-312	-301	-278	-241	-192	-134	-69					
135	0		68	133	191	239	276	300	310	309	297	277	251	223	193	164
136	0	136	110	85	63	43	24	-43	-63	-85	-110	-136	-164	-193	-223	-251
137	0	-277	-297	-309	-310	-300	-276	-239	-191	-133	-68					
138	SUM		433	1129	1546	1654	1552	1337	1093	856	645	472	336	233	157	103
139	SUM	66	41	23	12	06	02	-06	-12	-23	-41	-66	-103	-157	-233	-336
140	SUM	-472	-645	-856	-1093	-1337	-1552	-1654	-1546	-1129	-433					
141	150		375	1124												
142	150															

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  143   150                                                  -1129 -375
  144   140         260  889 1546 1654
  145   140
  146   140                                          -1654-1546 -889 -260
  147   130         183  636 1152 1546 1552 1337
  148   130
  149   130                              -1337-1552-1546-1152 -636 -183
  150   120         130  458  845 1156 1518 1319 1093  856
  151   120
  152   120              -856-1098-1319-1518-1156 -845 -458 -130
  153   110          93  331  619  861  999 1022  953  821  645  472  336  233  157
  154   110                                                            -157 -233 -336
  155   110 -472 -645 -821 -953-1022 -999 -861 -619 -331  -93
  156   100          64  258  452  638  752  786  746  654  539  421  315  226  157  103
  157   100  -86  -41  -23  -12  -06  -02  -00  -12  -23  -41  -66 -103 -157 -226 -315
  158   100 -421 -539 -654 -746 -786 -752 -638 -452 -236  -66
  159    90          47  171  327  466  562  597  575  512  426  340  258  187  131   89
  160    90  -58  -35  -21  -11  -05  -02  -05  -11  -21  -36  -58  -89 -131 -187 -258
  161    90 -340 -428 -512 -575 -597 -562 -466 -327 -171  -47
  162    80          35  121  234  340  414  445  434  392  333  266  206  151  107   73
  163    80  -47  -30  -17  -09  -04  -01  -00  -09  -17  -30  -47  -73 -107 -151 -206
  164    80 -266 -335 -392 -434 -445 -414 -340 -234 -121  -33
  165    70          23   85  165  242  300  324  320  293  252  205  159  118   84   57
  166    70  -36  -24  -14  -08  -03  -01  -05  -08  -14  -24  -38  -57  -84 -118 -159
  167    70 -205 -252 -293 -320 -324 -300 -242 -165  -85  -23
  168    60          16   57  113  167  207  228  227  210  183  151  118   88   63   43
  169    60  -26  -18  -11  -06  -03  -01  -03  -06  -11  -18  -26  -43  -63  -88 -118
  170    60 -151 -183 -210 -227 -228 -207 -167 -113  -57  -16
  171    50          10   37   74  110  138  152  154  144  126  105   83   62   44   30
  172    50  -20  -13  -08  -04  -02  -01  -02  -04  -08  -13  -20  -30  -44  -62  -83
  173    50 -105 -126 -144 -154 -152 -138 -110  -74  -37  -10
  174    40          05   23   45   65   85   95   96   91   81   68   55   41   29   20
  175    40  -13  -08  -05  -03  -01       -01  -03  -05  -08  -13  -20  -29  -41  -55
  176    40  -68  -81  -91  -96  -95  -85  -68  -45  -23  -06
  177    30          03   12   25   37   47   52   53   51   46   41   35   25   16   11
  178    30  -07  -05  -03  -02  -01       -01  -02  -03  -05  -07  -11  -16  -25  -35
  179    30  -41  -46  -51  -53  -52  -47  -37  -25  -12  -03
  180    20          01   05   11   16   20   23   24   23   20   22   18   11   07   05
  181    20  -03  -02  -01  -01                 -01  -01  -02  -03  -05  -07  -11  -18
  182    20  -22  -20  -23  -24  -23  -20  -16  -11  -05  -01
  183    10               01   03   04   05   06   06   06   06   06   05   03   02   01
  184    10  -01  -01                                    -01  -01  -01  -02  -03  -05
  185    10  -06  -06  -06  -06  -06  -05  -04  -03  -01
  186     0
  187     0
  188     0
  189   SUM -631 -531 -330 -141   09  123  204  251  271  271  256  238  212  186  160
  190   SUM  138  120  104   91   82   76   82   91  104  120  138  160  186  212  238
  191   SUM  256  271  271  251  204  123   09 -141 -330 -531 -631
  192   150 -610 -532 -330
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  193   150
  194   150                                                 -330 -552 -618
  195   140 -582 -516 -347 -141   09
  196   140
  197   140                                           09 -141 -347 -516 -582
  198   130 -536 -485 -350 -177  -04  123  204
  199   130
  200   130                             204  125  -04 -177 -350 -485 -536
  201   120 -486 -446 -339 -195  -45   90  200  251  271
  202   120
  203   120                   271  251  200   90  -45 -195 -339 -446 -486
  204   110 -436 -404 -318 -199  -71   48  147  219  261  271  258  238  212  186
  205   110                                                       186  212  238
  206   110  258  271  241  219  147   48  -71 -199 -318 -404 -436
  207   100 -387 -361 -291 -193  -85   18  106  172  214  234  230  226  208  185  160
  208   100  138  120  104   91   82   76   82   91  104  120  138  160  185  208  226
  209   100  236  234  214  172  106   18  -85 -193 -291 -361 -387
  210    90 -340 -319 -263 -182  -91  -03   75  134  175  196  202  196  183  165  146
  211    90  126  112   98   86   78   73   78   86   98  112  126  146  165  183  196
  212    90  202  196  175  134   75  -03  -91 -182 -263 -319 -340
  213    80 -295 -279 -233 -167  -91  -16   51  104  141  163  171  169  159  145  130
  214    80  115  101   89   79   71   67   71   79   89  101  115  130  145  159  169
  215    80  171  163  141  104   51  -16  -91 -167 -233 -279 -295
  216    70 -253 -240 -203 -149  -86  -23   34   80  114  134  143  143  137  126  114
  217    70  101   89   79   70   64   60   64   70   79   89  101  114  126  137  143
  218    70  143  134  114   80   34  -23  -86 -149 -203 -240 -253
  219    60 -213 -202 -173 -129  -78  -26   22   61   90  109  118  119  115  107   97
  220    60   87   77   69   61   56   53   56   61   69   77   87   97  107  115  119
  221    60  118  109   90   61   22  -26  -78 -129 -173 -202 -213
  222    50 -175 -167 -143 -109  -68  -26   13   46   70   87   95   97   94   89   81
  223    50   73   65   58   52   48   45   48   52   58   65   73   81   89   94   97
  224    50   95   87   70   46   13  -26  -68 -109 -143 -167 -175
  225    40 -138 -132 -114  -88  -56  -24   07   33   53   67   74   76   75   70   65
  226    40   58   52   47   42   39   36   39   42   47   52   58   65   70   75   76
  227    40   74   67   53   33   07  -24  -56  -88 -114 -132 -138
  228    30 -103  -98  -86  -66  -43  -19   04   23   38   48   54   56   56   53   49
  229    30   44   39   35   32   29   28   29   32   35   39   44   49   53   56   56
  230    30   54   48   36   23   04  -19  -43  -66  -86  -98 -103
  231    20  -66  -65  -57  -45  -29  -14   02   14   25   32   36   37   37   35   32
  232    20   29   26   24   22   20   19   20   22   24   26   29   32   35   37   37
  233    20   36   32   25   14   02  -14  -29  -45  -57  -65  -68
  234    10  -34  -33  -29  -22  -15  -07   01   07   12   16   18   19   18   18   16
  235    10   15   13   12   11   10   09   10   11   12   13   15   16   18   18   19
  236    10   16   16   12   07   01  -07  -15  -22  -29  -33  -34
  237     0   00                                                                  00
  238     0   00                                                                  00
  239     0   00                                                 00
  240  WIND  1   10063610 1750 1095 145 15   ALL
  241        2   10203610 1694 1095 145 15   ALL
  242  END
```

**** COEFFICIENT TABLE REPORT ****

DIAMETER IN	NORMAL DRAG COEF	TANG DRAG COEF	MASS COEF
1.000	1.0000	=0.0000	1.0000
16.000	1.0000	=0.0000	1.0000
17.570	1.0000	=0.0000	.2570
18.000	1.0000	=0.0000	1.0000
20.000	1.0000	=0.0000	1.0000
20.530	1.0000	=0.0000	.2970
22.050	1.0000	=0.0000	.3220
24.000	1.0000	=0.0000	1.0000
24.810	1.0000	=0.0000	.3430
26.800	1.0000	=0.0000	.2460
27.570	1.0000	=0.0000	.4030
30.000	1.0000	=0.0000	1.0000
30.320	1.0000	=0.0000	.4430
36.000	1.0000	=0.0000	1.0000
40.000	1.0000	=0.0000	1.0000
47.000	1.0000	=0.0000	1.0000
65.470	1.0000	=0.0000	.9570
66.230	1.0000	=0.0000	.9970
70.000	1.0000	=0.0000	1.0000

U.S. NAVY - ACHR PLATFORMS - PLATFORMS #3 + #4 - MLW 105.0 FEET

WAVE FOR 50 YEAR STORM - MODIFIED

J. TALBOT

AUGUST, 1976

27-771-01

INPUT UNITS
....ENGLISH

OUTPUT UNITS
....ENGLISH

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 1 — WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-425.0	180.00	-35.5	-60.0	69.7	281.	-188.	339.	4.9
2	-420.0	177.88	-33.5	-56.5	65.7	134.	-105.	170.	4.9
3	-415.0	175.76	-31.4	-52.9	61.5	-22.	-15.	27.	4.9
4	-410.0	173.65	-29.4	-49.3	57.4	-173.	69.	186.	4.9
5	-405.0	171.53	-27.3	-45.5	53.0	-329.	156.	365.	4.7
6	-400.0	169.41	-25.3	-41.5	48.6	-490.	235.	543.	4.8
7	-395.0	167.29	-22.9	-37.5	44.0	-656.	333.	736.	5.1
8	-390.0	165.18	-20.4	-33.0	38.8	-845.	447.	956.	5.6
9	-385.0	163.06	-17.9	-28.6	33.6	-1023.	540.	1160.	5.7
10	-380.0	160.94	-15.5	-24.0	28.6	-1212.	650.	1375.	6.3
11	-375.0	158.82	-12.7	-19.3	23.1	-1400.	763.	1600.	6.4
12	-370.0	156.71	-9.8	-14.0	17.1	-1630.	887.	1856.	6.7
13	-365.0	154.59	-6.8	-8.7	11.0	-1849.	1009.	2107.	7.3
14	-360.0	152.47	-3.6	-2.9	4.6	-2091.	1149.	2386.	7.5
15	-355.0	150.35	-.4	3.1	3.1	-2344.	1278.	2668.	8.0
16	-350.0	148.24	3.1	9.1	9.6	-2547.	1429.	2964.	8.8
17	-345.0	146.12	6.6	15.5	16.8	-2866.	1580.	3272.	9.3
18	-340.0	144.00	10.3	21.9	24.2	-3136.	1734.	3585.	10.0
19	-335.0	141.88	14.3	29.0	32.3	-3443.	1910.	3937.	10.5
20	-330.0	139.76	18.4	36.2	40.6	-3747.	2084.	4288.	11.1
21	-325.0	137.65	22.7	43.5	49.1	-4066.	2266.	4655.	11.7
22	-320.0	135.53	26.7	51.1	57.6	-4382.	2436.	5015.	12.6
23	-315.0	133.41	31.3	59.2	66.9	-4745.	2644.	5432.	13.3
24	-310.0	131.29	36.1	67.4	76.5	-5113.	2857.	5857.	14.1
25	-305.0	129.18	40.6	75.9	86.1	-5493.	3053.	6285.	14.9
26	-300.0	127.06	45.5	84.2	95.7	-5872.	3269.	6720.	16.0
27	-295.0	124.94	50.7	93.6	106.5	-6299.	3516.	7214.	17.5
28	-290.0	122.82	56.1	102.3	116.7	-6697.	3762.	7681.	19.1
29	-285.0	120.71	61.6	111.6	127.4	-7125.	4026.	8184.	20.6
30	-280.0	118.59	67.0	121.2	138.5	-7595.	4280.	8721.	22.2

31	[illegible]	110.47	72.5	131.1	[illegible]	[illegible]	[illegible]	[illegible]	23.9
32	-270.0	110.35	77.6	141.1	161.0	-8572.	4792.	9820.	25.6
33	-265.	110.24	83.0	151.0	172.3	[illegible]	5051.	10381.	27.3

*** * * * WAVE POSITION SUMMARY REPORT * * * ***

LOAD CONDITION 1 — WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
34	-260.0	110.12	89.1	160.9	183.9	-9577.	5365.	10977.	29.0
35	-255.0	100.00	95.6	171.2	196.1	-10132.	5706.	11629.	31.2
36	-250.0	105.88	102.0	182.1	208.8	-10705.	6052.	12297.	33.2
37	-245.0	103.76	108.3	193.3	221.6	-11313.	6390.	12993.	35.2
38	-240.0	101.65	114.5	204.0	234.0	-11914.	6733.	13685.	37.4
39	-235.0	99.53	121.1	215.4	247.1	-12566.	7104.	14435.	39.6
40	-230.0	97.41	127.6	226.7	260.1	-13237.	7476.	15204.	41.9
41	-225.0	95.29	134.2	238.1	273.3	-13922.	7865.	15990.	44.3
42	-220.0	93.18	141.0	249.8	286.8	-14627.	8263.	16799.	46.6
43	-215.0	91.06	147.8	261.8	300.7	-15366.	8692.	17671.	49.0
44	-210.0	88.94	155.0	274.4	315.1	-16190.	9144.	18594.	51.6
45	-205.0	86.82	162.2	287.2	329.8	-17016.	9607.	19542.	53.9
46	-200.0	84.71	169.3	299.9	344.3	-17841.	10066.	20485.	56.3
47	-195.0	82.59	176.8	313.6	360.0	-18732.	10554.	21500.	58.7
48	-190.0	80.47	185.2	329.1	377.8	-19798.	11123.	22709.	61.1
49	-185.0	78.35	194.3	345.8	396.6	-20991.	11781.	24071.	63.5
50	-180.0	76.24	203.2	362.4	415.5	-22156.	12401.	25390.	67.3
51	-175.0	74.12	212.8	380.7	436.2	-23476.	13066.	26868.	70.9
52	-170.0	72.00	223.9	401.5	459.5	-25012.	13884.	28607.	73.6
53	-165.0	69.88	234.9	421.3	482.4	-26465.	14686.	30267.	76.2
54	-160.0	67.76	246.5	442.2	506.3	-28015.	15556.	32044.	78.5
55	-155.0	65.65	258.3	464.3	531.3	-29619.	16411.	33862.	79.9
56	-150.0	63.53	271.8	489.2	559.5	-31530.	17439.	36032.	80.8
57	-145.0	61.41	285.5	516.3	590.0	-33679.	18513.	38432.	84.4
58	-140.0	59.29	299.4	545.6	620.6	-35829.	19570.	40828.	88.3
59	-135.0	57.18	313.8	569.8	650.5	-37841.	20673.	43120.	91.2
60	-130.0	55.06	331.5	602.6	687.8	-40568.	22135.	46214.	96.2
61	-125.0	52.94	348.8	633.5	723.1	-43059.	23541.	49083.	98.9
62	-120.0	50.82	365.4	665.6	757.8	-45518.	24842.	51875.	99.0
63	-115.0	48.71	383.8	697.3	796.0	-48387.	26467.	55152.	97.5

64	-110.0	46.57	400.0	724.1	832.0	-59493.	27832.	54095.	93.4
65	-105.	44.47	418.8	762.8	870.1	-[illegible].	29310.	61318.	88.9
66	-100.	42.35	437.9	799.0	911.1	-[illegible].	30983.	64916.	83.6

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 1 — WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
67	-95.0	40.24	458.9	832.1	950.4	-59940.	32402.	68137.	77.5
68	-90.0	38.12	475.3	865.5	986.4	-62848.	33991.	71452.	70.3
69	-85.0	36.00	492.5	901.1	1026.9	-66120.	35719.	75152.	62.6
70	-80.0	33.88	511.5	937.0	1067.4	-69492.	37415.	78925.	54.5
71	-75.0	31.76	528.5	969.1	1104.9	-72554.	39014.	82377.	45.6
72	-70.0	29.65	547.1	1003.1	1142.6	-75965.	40801.	86227.	35.7
73	-65.0	27.53	564.7	1033.2	1177.4	-78921.	42525.	89649.	26.0
74	-60.0	25.41	580.5	1065.4	1211.5	-82050.	44102.	93151.	16.7
75	-55.0	23.29	599.4	1098.7	1251.6	-86149.	46249.	97778.	5.2
76	-50.0	21.18	610.9	1116.8	1274.7	-88545.	47438.	100276.	-4.5
77	-45.0	19.06	624.2	1143.4	1302.7	-91397.	49008.	103707.	-14.6
78	-40.0	16.94	635.9	1169.2	1331.0	-94856.	50436.	107431.	-23.2
79	-35.0	14.82	642.3	1189.4	1351.8	-98008.	51373.	110053.	-33.8
80	-30.0	12.71	654.3	1217.9	1382.5	-102527.	53222.	115518.	-46.2
81	-25.0	10.59	661.9	1216.9	1385.5	-103135.	54035.	116712.	-53.0
82	-20.0	8.47	675.0	1229.0	1402.2	-105725.	56933.	120080.	-64.4
83	-15.0	6.35	682.9	1232.8	1409.3	-107087.	58782.	122085.	-72.3
84	-10.0	4.24	674.9	1215.3	1390.1	-106632.	58462.	121782.	-80.4
85	-5.0	2.12	665.9	1191.4	1364.9	-105235.	58102.	120209.	-85.0
86	0.0	-0.00	656.0	1186.5	1338.3	-103051.	57700.	118629.	-89.1
87	5.0	-2.12	627.1	1109.6	1274.5	-98015.	54870.	112328.	-89.9
88	10.0	-4.24	597.3	1052.0	1209.8	-92429.	51989.	106048.	-90.0
89	15.0	-6.35	570.4	996.7	1150.1	-87577.	49575.	100635.	-90.2
90	20.0	-8.47	531.2	922.8	1064.8	-79724.	45569.	91628.	-87.5
91	25.0	-10.59	489.3	838.0	970.4	-70966.	41371.	82145.	-81.1
92	30.0	-12.71	451.3	768.8	891.5	-64490.	37798.	74746.	-79.1
93	35.0	-14.82	406.9	694.0	804.5	-57428.	33589.	66429.	-76.0
94	40.0	-16.94	364.2	616.5	716.1	-50166.	29327.	58111.	-73.7
95	45.0	-19.06	325.1	550.7	639.5	-44567.	25820.	51506.	-72.3
96	50.0	-21.18	289.8	490.8	568.1	-39535.	22901.	45689.	-74.8

97	55.0	-25.27	206.4	401.8	411.5	-35077.	13754.	32218.	-74.0
98	60.0	-25.41	214.0	351.1	411.1	-27[illegible].	16512.	32382.	-76.3
99	65.	-27.53	180.8	292.4	343.8	-23287.	13926.	27133.	-77.8

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 1 — WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE TO STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
100	70.0	-29.65	147.3	234.3	276.8	-18796.	11311.	21937.	-78.7
101	75.0	-31.76	114.7	176.9	210.8	-14390.	8813.	16866.	-80.1
102	80.0	-33.88	83.7	125.0	148.6	-10533.	6501.	12208.	-81.0
103	85.0	-36.00	55.1	73.5	91.9	-6883.	4399.	8000.	-81.5
104	90.0	-38.12	27.9	26.0	38.1	-3224.	2435.	4041.	-81.4
105	95.0	-40.24	1.8	-18.9	19.0	-24.	590.	590.	-81.4
106	100.0	-42.35	-22.3	-59.7	63.7	2768.	-1061.	2965.	-81.3
107	105.0	-44.47	-43.5	-95.4	104.8	5177.	-2481.	5741.	-80.4
108	110.0	-46.59	-62.5	-127.5	142.0	7229.	-3692.	8117.	-79.1
109	115.0	-48.71	-80.7	-156.2	177.6	9232.	-4848.	10428.	-77.6
110	120.0	-50.82	-96.3	-184.6	208.2	10780.	-5756.	12226.	-74.9
111	125.0	-52.94	-109.8	-208.5	235.9	12071.	-6539.	13728.	-71.4
112	130.0	-55.06	-121.4	-225.3	255.9	13088.	-7172.	14922.	-66.1
113	135.0	-57.18	-130.5	-239.1	272.4	13813.	-7559.	15570.	-59.7
114	140.0	-59.29	-139.7	-254.6	290.4	14415.	-8026.	16499.	-55.1
115	145.0	-61.41	-145.7	-263.4	301.1	14069.	-8216.	16814.	-49.7
116	150.0	-63.53	-149.6	-269.4	308.2	14716.	-8250.	16870.	-44.1
117	155.0	-65.65	-153.8	-274.9	315.0	14781.	-8353.	16978.	-41.4
118	160.0	-67.76	-15[illegible]9	-278.6	319.8	14771.	-8386.	16985.	-38.4
119	165.0	-69.88	-15[illegible]	-280.5	322.1	14546.	-8316.	16843.	-34.9
120	170.0	-72.00	-156.5	-279.5	321.3	14343.	-8174.	16509.	-32.1
121	175.0	-74.12	-157.8	-277.1	318.9	13964.	-7978.	16083.	-29.3
122	180.0	-76.24	-157.3	-275.4	317.1	13710.	-7851.	15798.	-26.9
123	185.0	-78.35	-155.0	-270.8	312.0	13267.	-7592.	15285.	-24.3
124	190.0	-80.47	-152.2	-265.4	306.0	12770.	-7317.	14718.	-21.7
125	195.0	-82.59	-149.1	-259.3	299.1	12255.	-7037.	14132.	-19.5
126	200.0	-84.71	-146.0	-253.2	292.3	11770.	-6776.	13581.	-17.5
127	205.0	-86.82	-141.9	-245.8	283.8	11215.	-6461.	12943.	-15.4
128	210.0	-88.94	-137.6	-238.0	274.9	10651.	-6139.	12294.	-13.6
129	215.0	-91.06	-133.2	-230.0	265.8	10075.	-5820.	11638.	-11.9

130	[illegible]	-93.17	-120.8	-222.6	253.5	8320.	-5307.	10999.	-10.1
131	225.0	-95.29	-124.3	-214.5	247.9	8109.	-5212.	10408.	-8.8
132	230.0	-97.41	-119.9	-207.0	239.2	8497.	-4914.	9816.	-6.8

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 1 — WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
133	235.0	-99.53	-115.3	-199.3	230.3	7992.	-4612.	9228.	-5.2
134	240.0	-101.65	-110.9	-192.2	221.9	7522.	-4332.	8681.	-3.8
135	245.0	-103.76	-107.3	-185.9	214.6	7109.	-4092.	8203.	-2.6
136	250.0	-105.88	-103.6	-179.7	207.4	6712.	-3858.	7742.	-1.2
137	255.0	-108.00	-99.8	-173.8	200.4	6330.	-3621.	7297.	.2
138	260.0	-110.12	-96.5	-167.9	193.6	5961.	-3407.	6866.	.8
139	265.0	-112.24	-93.6	-162.9	187.8	5636.	-3226.	6496.	1.8
140	270.0	-114.35	-90.8	-158.0	182.2	5325.	-3057.	6140.	2.4
141	275.0	-116.47	-88.2	-153.3	176.9	5026.	-2897.	5801.	3.1
142	280.0	-118.59	-85.6	-148.9	171.7	4754.	-2736.	5485.	3.5
143	285.0	-120.71	-83.4	-145.1	167.4	4529.	-2604.	5224.	4.0
144	290.0	-122.82	-81.4	-141.4	163.1	4311.	-2484.	4975.	4.5
145	295.0	-124.94	-79.3	-137.9	159.0	4103.	-2357.	4732.	4.3
146	300.0	-127.06	-77.2	-134.5	155.1	3900.	-2240.	4498.	4.3
147	305.0	-129.18	-75.4	-131.1	151.3	3714.	-2137.	4285.	4.3
148	310.0	-131.29	-73.7	-128.1	147.8	3541.	-2040.	4087.	4.4
149	315.0	-133.41	-71.9	-125.1	144.3	3369.	-1937.	3886.	4.5
150	320.0	-135.53	-70.2	-122.1	140.8	3204.	-1840.	3695.	4.4
151	325.0	-137.65	-68.6	-119.3	137.6	3049.	-1754.	3517.	4.5
152	330.0	-139.76	-67.1	-116.4	134.4	2899.	-1669.	3345.	4.5
153	335.0	-141.88	-65.5	-113.6	131.1	2750.	-1584.	3174.	4.5
154	340.0	-144.00	-63.9	-111.0	128.1	2608.	-1500.	3008.	4.4
155	345.0	-146.12	-62.4	-108.2	124.9	2469.	-1423.	2849.	4.7
156	350.0	-148.24	-60.9	-105.7	122.0	2340.	-1347.	2700.	4.8
157	355.0	-150.35	-59.4	-102.9	118.9	2204.	-1269.	2543.	4.8
158	360.0	-152.47	-57.9	-100.1	115.7	2068.	-1196.	2389.	4.9
159	365.0	-154.59	-56.4	-97.4	112.5	1938.	-1121.	2239.	4.9
160	370.0	-156.71	-54.9	-94.6	109.4	1809.	-1051.	2092.	5.1
161	375.0	-158.82	-53.3	-91.8	106.1	1677.	-978.	1941.	4.9
162	380.0	-160.94	-51.7	-88.8	102.8	1539.	-905.	1785.	4.9
163	385.0	-163.0	-50.1	-86.0	99.5	1408.	-833.	1634.	4.9

164	390.	-165.14	-46.4	-82.8	95.9	170.	-755.	1478.	4.8
165	395.	-167.29	-46.7	-79.7	92.4	132.	-678.	1319.	4.8

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 1 — WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
166	400.0	-169.41	-44.9	-76.5	88.7	992.	-597.	1158.	4.7
167	405.0	-171.53	-43.0	-73.3	84.9	851.	-511.	993.	4.8
168	410.0	-173.65	-41.2	-70.1	81.3	711.	-434.	833.	4.8
169	415.0	-175.76	-39.2	-66.8	77.4	570.	-347.	667.	4.9
170	420.0	-177.88	-37.3	-63.5	73.7	429.	-267.	506.	4.9
171	425.0	-180.00	-35.4	-60.0	69.6	277.	-185.	333.	4.9

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 2 WAVE ANGLE = 90.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-425.0	180.00	.2	-69.3	69.3	310.	10.	316.	4.7
2	-420.0	177.88	.2	-65.2	65.2	145.	9.	146.	4.7
3	-415.0	175.76	.2	-61.3	61.3	-14.	12.	19.	4.7
4	-410.0	173.65	.1	-56.8	56.8	-198.	2.	198.	4.7
5	-405.0	171.53	.1	-52.2	52.2	-393.	4.	393.	4.8
6	-400.0	169.41	.1	-47.7	47.7	-576.	6.	576.	4.5
7	-395.0	167.29	.1	-42.9	42.9	-775.	4.	775.	4.6
8	-390.0	165.18	.2	-37.6	37.6	-978.	9.	978.	4.6
9	-385.0	163.06	.1	-32.5	32.5	-1198.	5.	1198.	5.1
10	-380.0	160.94	.2	-27.1	27.1	-1423.	8.	1423.	6.1
11	-375.0	158.82	.1	-21.4	21.4	-1655.	6.	1655.	6.5
12	-370.0	156.71	.0	-15.4	15.4	-1898.	1.	1898.	6.8
13	-365.0	154.59	-.2	-9.0	9.0	-2156.	-14.	2156.	7.3
14	-360.0	152.47	-.2	-2.4	2.4	-2453.	-14.	2453.	7.4
15	-355.0	150.35	-.1	4.2	4.2	-2732.	-10.	2732.	8.4
16	-350.0	148.24	-.1	11.5	11.5	-3049.	-5.	3049.	8.9
17	-345.0	146.12	-.0	18.9	18.9	-3362.	-4.	3362.	9.3
18	-340.0	144.00	.1	27.2	27.2	-3726.	6.	3726.	9.8
19	-335.0	141.88	.3	34.7	34.7	-4042.	19.	4042.	10.5
20	-330.0	139.76	.1	43.7	43.7	-4436.	8.	4436.	11.1
21	-325.0	137.65	.1	52.5	52.5	-4808.	7.	4808.	11.7
22	-320.0	135.53	.0	61.1	61.1	-5187.	3.	5187.	12.4
23	-315.0	133.41	-.0	69.4	69.4	-5535.	1.	5535.	13.4
24	-310.0	131.29	.0	80.1	80.1	-5999.	5.	5999.	14.1
25	-305.0	129.18	.1	89.2	89.2	-6418.	8.	6418.	15.0
26	-300.0	127.06	.1	99.3	99.3	-6859.	8.	6859.	15.7
27	-295.0	124.94	.1	108.9	108.9	-7287.	10.	7287.	18.3
28	-290.0	122.82	.1	119.1	119.1	-7752.	7.	7752.	19.7
29	-285.0	120.71	.1	130.1	130.1	-8257.	13.	8257.	21.1
30	-280.0	118.59	.0	141.4	141.4	-8807.	11.	8807.	22.7

31	[illegible]	[illegible]	.1	[illegible]	[illegible]	[illegible]	16.	9350.	23.9
32	-270.	114.35	.2	163.9	163.9	[illegible]	15.	9926.	25.9
33	-265.	116.24	.2	175.6	175.6	[illegible]	15.	10509.	27.4

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 2 — WAVE ANGLE = 90.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
34	-260.0	110.12	.3	187.1	187.1	-11106.	17.	11106.	29.5
35	-255.0	108.00	.3	199.3	199.3	-11739.	18.	11739.	31.5
36	-250.0	105.88	.4	210.9	210.9	-12375.	22.	12375.	33.6
37	-245.0	103.76	.1	223.7	223.7	-13072.	9.	13072.	35.7
38	-240.0	101.65	.1	236.7	236.7	-13790.	4.	13790.	37.6
39	-235.0	99.53	-.0	249.3	249.3	-14509.	-1.	14509.	39.8
40	-230.0	97.41	.0	261.9	261.9	-15242.	1.	15242.	42.1
41	-225.0	95.29	-.1	275.0	275.0	-16057.	-7.	16057.	44.5
42	-220.0	93.14	-.2	288.2	288.2	-16878.	-14.	16878.	46.8
43	-215.0	91.06	-.2	301.8	301.8	-17735.	-18.	17735.	49.4
44	-210.0	88.94	-.2	316.2	316.2	-18638.	-19.	18638.	51.8
45	-205.0	86.82	-.2	331.8	331.8	-19652.	-21.	19652.	54.2
46	-200.0	84.71	-.2	347.9	347.9	-20711.	-24.	20711.	56.7
47	-195.0	82.59	-.2	364.2	364.2	-21811.	-25.	21811.	59.1
48	-190.0	80.47	-.3	380.7	380.7	-22889.	-30.	22889.	61.4
49	-185.0	78.35	-.2	399.1	399.1	-24117.	-23.	24117.	63.9
50	-180.0	76.24	-.4	422.7	422.7	-25946.	-47.	25946.	69.0
51	-175.0	74.12	-.4	442.8	442.8	-27366.	-47.	27366.	72.6
52	-170.0	72.00	-.4	465.2	465.2	-28965.	-55.	28965.	74.9
53	-165.0	69.88	-.5	489.4	489.4	-30715.	-67.	30715.	76.4
54	-160.0	67.76	-.5	514.1	514.1	-32533.	-62.	32533.	78.0
55	-155.0	65.65	-.6	540.4	540.4	-34525.	-74.	34525.	80.0
56	-150.0	63.53	-.8	569.4	569.4	-36737.	-99.	36737.	81.1
57	-145.0	61.41	-.5	593.2	593.2	-38309.	-41.	38309.	80.7
58	-140.0	59.29	-.6	636.6	636.6	-42135.	-80.	42135.	91.1
59	-135.0	57.18	-.3	667.9	667.9	-44557.	-50.	44557.	93.3
60	-130.0	55.06	-.3	703.4	703.4	-47437.	-44.	47437.	98.1
61	-125.0	52.94	-.0	736.5	736.5	-50073.	-19.	50073.	98.1
62	-120.0	50.82	-.5	772.0	772.0	-52909.	-76.	52909.	97.1
63	-115.0	48.71	-.5	809.3	809.3	-55970.	-55.	55970.	97.1
64	-110.0	46.59	-.6	848.3	848.3	-59286.	-91.	59286.	93.4
65	-105.0	44.47	-.5	886.9	886.9	-62559.	-93.	62559.	88.5
66	-100.0	42.35	-.7	926.9	926.9	-65975.	-114.	65975.	83.6

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 2 — WAVE ANGLE = 90.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
67	-95.0	40.24	-1.2	971.0	971.0	-69995.	-179.	69995.	78.3
68	-90.0	38.12	-1.4	1008.4	1008.4	-73260.	-210.	73261.	71.8
69	-85.0	36.00	-1.5	1048.7	1048.7	-77001.	-221.	77001.	64.8
70	-80.0	33.88	-1.5	1088.1	1088.1	-80621.	-220.	80621.	56.9
71	-75.0	31.76	-1.4	1129.0	1129.0	-84532.	-222.	84532.	48.9
72	-70.0	29.65	-1.4	1163.7	1163.7	-87936.	-218.	87937.	40.2
73	-65.0	27.53	-1.2	1202.1	1202.1	-91960.	-192.	91960.	31.5
74	-60.0	25.41	.7	1235.8	1235.8	-95479.	-138.	95479.	22.5
75	-55.0	23.29	-.2	1265.3	1265.3	-98625.	-75.	98625.	13.8
76	-50.0	21.18	.6	1308.1	1308.1	-103864.	21.	103864.	4.3
77	-45.0	19.06	1.4	1321.5	1321.5	-105415.	142.	105415.	-4.2
78	-40.0	16.94	1.9	1343.9	1343.9	-108354.	213.	108354.	-12.6
79	-35.0	14.82	3.8	1375.9	1375.9	-113361.	492.	113362.	-23.4
80	-30.0	12.71	5.8	1402.3	1402.3	-117695.	806.	117698.	-35.8
81	-25.0	10.59	7.4	1411.8	1411.8	-120989.	1050.	120994.	-45.3
82	-20.0	8.47	8.0	1432.3	1432.3	-123994.	1225.	124000.	-54.0
83	-15.0	6.35	9.8	1427.7	1427.8	-124785.	1402.	124793.	-62.9
84	-10.0	4.24	9.4	1411.5	1411.5	-124510.	1339.	124517.	-69.6
85	-5.0	2.12	8.2	1374.7	1374.7	-121629.	1162.	121634.	-73.6
86	0.0	-0.00	6.8	1325.8	1325.8	-116774.	957.	116778.	-75.4
87	5.0	-2.12	5.1	1267.3	1267.3	-111370.	702.	111372.	-76.4
88	10.0	-4.24	3.7	1190.6	1190.6	-103644.	474.	103645.	-77.4
89	15.0	-6.35	2.7	1114.0	1114.0	-96201.	330.	96202.	-78.2
90	20.0	-8.47	2.2	1055.4	1055.4	-91139.	269.	91139.	-77.2
91	25.0	-10.59	1.6	962.1	962.1	-81387.	159.	81387.	-67.5
92	30.0	-12.71	2.0	881.1	881.1	-73929.	236.	73930.	-67.6
93	35.0	-14.82	3.4	790.5	790.5	-65414.	441.	65416.	-69.1
94	40.0	-16.94	3.8	696.9	696.9	-56577.	503.	56580.	-69.4
95	45.0	-19.06	4.0	626.9	627.0	-50934.	543.	50936.	-69.5
96	50.0	-21.18	4.1	549.1	549.1	-44538.	543.	44541.	-70.6
97	55.0	-23.29	3.9	478.1	478.1	-38649.	478.	38651.	-72.7
98	60.0	-25.41	3.1	400.7	400.7	-32211.	412.	32214.	-74.9

99	65.0	-27.53	2.7	526.1	526.1	-26111.	359.	26114.	-76.8

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 2 — WAVE ANGLE = 90.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG.=WAVE-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
100	70.0	-29.65	2.2	259.2	259.2	-20904.	300.	20906.	-77.8
101	75.0	-31.76	1.8	194.6	194.7	-15923.	241.	15925.	-79.0
102	80.0	-33.88	1.0	138.5	138.5	-11743.	150.	11744.	-79.8
103	85.0	-36.00	.7	75.6	75.6	-7148.	108.	7149.	-80.5
104	90.0	-38.12	.4	21.1	21.1	-3152.	70.	3153.	-80.8
105	95.0	-40.24	.2	-29.2	29.2	493.	49.	495.	-80.6
106	100.0	-42.35	.0	-76.9	76.9	3826.	20.	3826.	-79.9
107	105.0	-44.47	-.3	-118.8	118.8	6585.	-17.	6585.	-79.1
108	110.0	-46.59	-.5	-155.9	155.9	9006.	-34.	9006.	-77.9
109	115.0	-48.71	-.5	-188.5	188.5	10806.	-37.	10806.	-76.2
110	120.0	-50.82	-.5	-217.5	217.5	12731.	-37.	12731.	-74.8
111	125.0	-52.94	-.5	-245.1	245.1	14130.	-41.	14130.	-72.4
112	130.0	-55.06	-.5	-265.0	265.0	15385.	-42.	15385.	-63.5
113	135.0	-57.14	-.6	-281.1	281.1	16103.	-57.	16103.	-58.9
114	140.0	-59.29	-.6	-295.1	295.1	16628.	-54.	16629.	-52.6
115	145.0	-61.41	-.8	-307.4	307.4	17103.	-71.	17103.	-49.0
116	150.0	-63.53	-.8	-315.2	315.2	17307.	-76.	17307.	-45.0
117	155.0	-65.65	-.7	-318.1	318.1	17107.	-59.	17107.	-39.2
118	160.0	-67.76	-.8	-321.2	321.2	16978.	-72.	16978.	-36.7
119	165.0	-69.88	-.7	-322.5	322.5	16694.	-60.	16694.	-34.1
120	170.0	-72.00	-.5	-323.0	323.0	16536.	-39.	16536.	-31.5
121	175.0	-74.12	-.4	-320.3	320.3	16165.	-35.	16165.	-28.9
122	180.0	-76.24	-.5	-316.4	316.4	15710.	-35.	15710.	-26.0
123	185.0	-78.35	-.4	-312.2	312.2	15257.	-27.	15257.	-23.7
124	190.0	-80.47	-.3	-305.3	305.3	14655.	-21.	14655.	-21.5
125	195.0	-82.59	-.3	-297.7	297.7	14059.	-17.	14059.	-19.6
126	200.0	-84.71	-.2	-289.7	289.7	13453.	-8.	13453.	-17.4
127	205.0	-86.82	-.0	-280.9	280.9	12782.	-0.	12782.	-15.4
128	210.0	-88.94	.1	-272.2	272.2	12130.	6.	12130.	-13.6
129	215.0	-91.06	.1	-263.3	263.3	11493.	12.	11493.	-11.9
130	220.0	-93.18	.1	-254.5	254.5	10882.	10.	10882.	-10.2
131	225.0	-95.29	.1	-245.8	245.8	10268.	5.	10268.	-8.3
132	230.0	-97.41	.1	-237.1	237.1	9684.	0.	9684.	-6.9

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 2 WAVE ANGLE = 90.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
133	235.0	-99.53	.1	-229.0	229.0	9142.	9.	9142.	-5.2
134	240.0	-101.65	.1	-220.9	220.9	8814.	4.	8814.	-3.9
135	245.0	-103.76	.1	-213.4	213.4	8122.	4.	8122.	-2.6
136	250.0	-105.88	.1	-206.2	206.2	7859.	4.	7859.	-1.5
137	255.0	-108.00	.1	-199.7	199.7	7245.	5.	7245.	-.6
138	260.0	-110.12	.1	-193.4	193.4	6848.	8.	6848.	.7
139	265.0	-112.24	.3	-186.5	186.5	6369.	20.	6369.	1.6
140	270.0	-114.35	.0	-181.2	181.2	6041.	0.	6041.	2.0
141	275.0	-116.47	.1	-176.4	176.4	5745.	7.	5745.	3.1
142	280.0	-118.59	.0	-171.7	171.7	5457.	3.	5457.	3.6
143	285.0	-120.71	.1	-167.1	167.1	5182.	6.	5182.	4.1
144	290.0	-122.82	.1	-163.0	163.0	4946.	5.	4946.	3.6
145	295.0	-124.94	-.0	-159.2	159.2	4725.	0.	4725.	3.7
146	300.0	-127.06	-.0	-155.3	155.3	4500.	-0.	4500.	4.3
147	305.0	-129.18	.1	-151.4	151.4	4276.	4.	4276.	4.4
148	310.0	-131.29	.1	-147.7	147.7	4068.	4.	4068.	4.5
149	315.0	-133.41	.1	-144.4	144.4	3891.	5.	3891.	3.8
150	320.0	-135.53	.1	-141.2	141.2	3714.	6.	3714.	4.8
151	325.0	-137.65	.1	-137.9	137.9	3525.	7.	3525.	4.8
152	330.0	-139.76	.1	-134.5	134.5	3346.	7.	3346.	4.6
153	335.0	-141.88	.2	-131.5	131.5	3187.	13.	3187.	4.6
154	340.0	-144.00	.2	-128.3	128.3	3021.	11.	3021.	4.5
155	345.0	-146.12	.2	-125.1	125.1	2853.	10.	2853.	4.5
156	350.0	-148.24	.2	-122.1	122.1	2701.	8.	2701.	4.9
157	355.0	-150.35	.2	-119.1	119.1	2550.	10.	2550.	4.8
158	360.0	-152.47	.2	-116.0	116.0	2398.	10.	2398.	4.9
159	365.0	-154.59	.2	-112.7	112.7	2238.	8.	2238.	5.0
160	370.0	-156.71	.2	-109.5	109.5	2085.	9.	2085.	4.9
161	375.0	-158.82	.2	-105.8	105.8	1929.	9.	1929.	5.0
162	380.0	-160.94	.2	-102.5	102.5	1774.	10.	1774.	4.9
163	385.0	-163.06	.2	-98.6	98.6	1617.	9.	1617.	4.9
164	390.0	-165.18	.2	-95.3	95.3	1461.	8.	1461.	4.8
165	395.0	-167.29	.2	-91.7	91.7	1301.	9.	1301.	4.8

* * * * WAVE POSITION SUMMARY REPORT * * * *

LOAD CONDITION 2 — WAVE ANGLE = 90.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
166	400.0	-169.41	.2	-88.0	88.0	1142.	9.	1142.	4.9
167	405.0	-171.53	.1	-84.3	84.3	980.	6.	980.	4.9
168	410.0	-173.65	.2	-80.6	80.6	814.	7.	814.	4.9
169	415.0	-175.76	.2	-76.9	76.9	650.	11.	650.	4.8
170	420.0	-177.88	.2	-73.0	73.0	484.	10.	484.	4.6
171	425.0	-180.00	.2	-69.3	69.3	316.	10.	316.	4.7

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 3 — WAVE ANGLE = 240.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-425.0	180.00	34.2	60.7	69.7	-306.	145.	339.	4.8
2	-420.0	177.88	32.2	57.3	65.7	-159.	61.	171.	4.9
3	-415.0	175.76	30.1	53.7	61.6	-15.	-28.	31.	4.8
4	-410.0	173.65	27.9	50.1	57.4	141.	-115.	182.	4.7
5	-405.0	171.53	25.8	46.4	53.1	294.	-204.	358.	4.5
6	-400.0	169.41	23.4	42.8	48.8	443.	-305.	536.	4.8
7	-395.0	167.29	21.2	38.6	44.0	625.	-396.	740.	4.9
8	-390.0	165.18	18.4	34.4	39.0	802.	-507.	949.	5.4
9	-385.0	163.06	15.9	29.9	33.9	982.	-609.	1156.	5.4
10	-380.0	160.94	13.2	25.6	28.8	1162.	-723.	1368.	6.2
11	-375.0	158.82	10.2	20.7	23.1	1364.	-845.	1604.	6.2
12	-370.0	156.71	7.2	15.8	17.2	1578.	-970.	1852.	6.7
13	-365.0	154.59	4.1	10.1	10.9	1809.	-1099.	2116.	7.2
14	-360.0	152.47	.6	4.5	4.6	2041.	-1248.	2392.	7.5
15	-355.0	150.35	-2.8	-1.3	3.1	2293.	-1391.	2682.	8.0
16	-350.0	148.24	-6.4	-7.5	9.8	2550.	-1540.	2979.	8.8
17	-345.0	146.12	-10.1	-13.6	17.0	2808.	-1703.	3284.	9.5
18	-340.0	144.00	-13.8	-19.9	24.2	3079.	-1847.	3591.	10.2
19	-335.0	141.88	-17.9	-26.9	32.3	3376.	-2023.	3935.	10.6
20	-330.0	139.76	-22.1	-33.8	40.3	3667.	-2203.	4278.	11.1
21	-325.0	137.65	-26.4	-41.5	49.1	4001.	-2386.	4659.	11.8
22	-320.0	135.53	-30.7	-49.0	57.8	4318.	-2573.	5027.	12.5
23	-315.0	133.41	-35.4	-56.9	67.0	4676.	-2783.	5441.	13.3
24	-310.0	131.29	-40.3	-64.6	76.1	5023.	-2998.	5849.	13.8
25	-305.0	129.18	-45.0	-72.9	85.6	5383.	-3207.	6266.	14.7
26	-300.0	127.06	-49.8	-81.4	95.5	5770.	-3430.	6713.	15.6
27	-295.0	124.94	-55.0	-90.2	105.7	6175.	-3660.	7179.	16.7
28	-290.0	122.82	-60.2	-99.3	116.1	6588.	-3896.	7654.	18.0
29	-285.0	120.71	-65.6	-108.3	126.7	7005.	-4145.	8140.	18.9
30	-280.0	118.59	-71.1	-117.8	137.6	7438.	-4401.	8641.	20.1
31	-275.0	116.47	-76.8	-127.2	148.6	7880.	-4678.	9164.	21.5
32	-270.0	114.35	-82.7	-136.9	160.0	8336.	-4960.	9701.	23.8
33	-265.0	112.24	-88.3	-146.5	171.0	[illegible]	[illegible]	[illegible]	[illegible]

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 3 — WAVE ANGLE = 240.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
34	-260.0	110.12	-93.7	-156.9	182.7	9334.	-5509.	10838.	28.0
35	-255.0	106.00	-99.5	-167.4	194.7	9875.	-5809.	11457.	30.2
36	-250.0	105.88	-105.5	-178.2	207.1	10456.	-6129.	12120.	32.2
37	-245.0	103.76	-111.8	-189.0	219.6	11038.	-6463.	12791.	34.2
38	-240.0	101.65	-117.8	-199.6	231.8	11619.	-6793.	13459.	36.4
39	-235.0	99.53	-124.0	-210.6	244.4	12236.	-7141.	14168.	38.5
40	-230.0	97.41	-130.5	-221.6	257.1	12869.	-7504.	14897.	40.8
41	-225.0	95.29	-136.6	-232.9	270.0	13531.	-7876.	15656.	43.2
42	-220.0	93.18	-143.0	-244.4	283.2	14209.	-8254.	16433.	45.5
43	-215.0	91.06	-149.8	-256.2	296.8	14940.	-8670.	17273.	47.7
44	-210.0	88.94	-156.7	-268.3	310.7	15691.	-9095.	18136.	50.2
45	-205.0	86.82	-163.7	-280.4	324.6	16456.	-9537.	19019.	52.6
46	-200.0	84.71	-171.3	-292.8	339.2	17243.	-10017.	19942.	54.8
47	-195.0	82.59	-179.2	-306.4	355.0	18130.	-10526.	20964.	57.2
48	-190.0	80.47	-187.5	-320.4	371.3	19054.	-11075.	22039.	59.5
49	-185.0	78.35	-196.4	-335.3	388.6	20064.	-11674.	23213.	61.6
50	-180.0	76.24	-205.5	-350.7	406.4	21121.	-12283.	24433.	64.1
51	-175.0	74.12	-215.1	-366.7	425.1	22200.	-12924.	25688.	66.0
52	-170.0	72.00	-226.1	-385.4	446.8	23550.	-13699.	27244.	67.9
53	-165.0	69.88	-237.5	-404.6	469.2	24933.	-14510.	28848.	70.0
54	-160.0	67.76	-249.0	-423.3	491.1	26278.	-15321.	30418.	72.5
55	-155.0	65.65	-262.1	-445.6	517.2	27969.	-16278.	32361.	75.0
56	-150.0	63.53	-275.4	-468.6	543.5	29663.	-17249.	34314.	77.0
57	-145.0	61.41	-291.8	-495.2	574.8	31772.	-18567.	36800.	82.6
58	-140.0	59.29	-307.8	-521.0	605.1	33781.	-19835.	39174.	87.1
59	-135.0	57.18	-323.2	-545.8	634.4	35677.	-21014.	41406.	90.1
60	-130.0	55.06	-341.9	-577.8	671.4	38337.	-22554.	44480.	95.9
61	-125.0	52.94	-358.9	-607.7	705.8	40764.	-23895.	47251.	98.9
62	-120.0	50.82	-374.2	-635.7	737.7	42986.	-25065.	49760.	99.6
63	-115.0	48.71	-393.5	-669.3	776.4	45846.	-26682.	53045.	98.5
64	-110.0	46.59	-410.7	-698.7	810.5	48212.	-28052.	55779.	95.1
65	-105.0	44.47	-429.0	-730.2	846.8	50815.	-29552.	58783.	91.2
66	-100.0	42.35	-448.5	-764.0	885.9	53736.	-31238.	62150.	87.0

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION: 3 — WAVE ANGLE = 240.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
67	-95.0	40.24	-466.1	-794.6	921.2	56309.	-32723.	65127.	81.8
68	-90.0	38.12	-484.6	-827.4	958.9	59162.	-34335.	68403.	76.2
69	-85.0	36.00	-504.2	-862.2	998.8	62336.	-36108.	72038.	70.5
70	-80.0	33.88	-523.2	-896.9	1038.3	65517.	-37859.	75668.	64.0
71	-75.0	31.76	-540.6	-926.7	1074.6	68522.	-39494.	79089.	57.0
72	-70.0	29.65	-558.6	-962.5	1112.8	71829.	-41272.	82842.	49.3
73	-65.0	27.53	-576.5	-990.1	1150.9	75210.	-43095.	86689.	42.4
74	-60.0	25.41	-592.3	-1026.9	1185.5	78354.	-44698.	90207.	35.0
75	-55.0	23.29	-608.7	-1059.4	1221.8	81991.	-46552.	94285.	26.1
76	-50.0	21.18	-620.9	-1086.7	1251.5	85081.	-47939.	97657.	20.9
77	-45.0	19.06	-632.1	-1108.9	1276.4	87697.	-49329.	100619.	12.3
78	-40.0	16.94	-648.4	-1135.5	1307.5	91049.	-51566.	104637.	3.1
79	-35.0	14.82	-660.6	-1157.5	1332.8	94137.	-53463.	108260.	-5.6
80	-30.0	12.71	-675.5	-1184.1	1363.2	98199.	-55913.	113002.	-13.4
81	-25.0	10.59	-680.5	-1194.7	1374.9	100246.	-57075.	115355.	-24.2
82	-20.0	8.47	-688.2	-1219.8	1400.5	104457.	-58709.	119825.	-31.0
83	-15.0	6.35	-689.0	-1231.6	1411.2	107334.	-59668.	122804.	-39.2
84	-10.0	4.24	-674.0	-1215.0	1389.4	106418.	-58506.	121440.	-45.5
85	-5.0	2.12	-660.6	-1200.6	1370.4	105978.	-57691.	120663.	-50.2
86	0.0	-0.00	-648.0	-1182.6	1347.5	105149.	-56709.	119467.	-50.1
87	5.0	-2.12	-612.1	-1133.3	1288.0	100580.	-53298.	113652.	-56.7
88	10.0	-4.24	-578.9	-1084.9	1229.7	95919.	-50085.	108208.	-58.4
89	15.0	-6.35	-546.4	-1030.3	1166.2	90756.	-47032.	102219.	-62.2
90	20.0	-8.47	-502.9	-980.6	1084.3	83613.	-42536.	93811.	-61.7
91	25.0	-10.59	-458.1	-888.1	999.3	76407.	-38036.	85351.	-61.5
92	30.0	-12.71	-419.1	-829.0	929.0	71185.	-34436.	79076.	-57.3
93	35.0	-14.82	-380.4	-750.8	841.7	63494.	-31005.	70660.	-57.8
94	40.0	-16.94	-343.3	-670.8	758.9	56490.	-27639.	62969.	-57.8
95	45.0	-19.06	-306.6	-607.8	680.6	50314.	-24790.	56089.	-57.7
96	50.0	-21.18	-269.7	-541.0	604.5	44596.	-21775.	49621.	-61.3
97	55.0	-23.29	-233.8	-476.3	530.6	39250.	-18910.	43573.	-64.6
98	60.0	-25.41	-193.6	-406.5	449.9	32770.	-15502.	36251.	-69.2
99	65.0	-27.53	-162.1	-344.1	380.4	28209.	-13151.	31124.	-70.9

* * * * WAVE POSITION SUMMARY REPORT * * * *

LOAD CONDITION 3 — WAVE ANGLE = 240.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG.=WAVE= TO=STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT=KIPS X	MUDLINE MOMENT FT=KIPS Y	MUDLINE MOMENT FT=KIPS RSLNT	VERTICAL FORCE KIPS Z
100	70.0	-29.65	-126.5	-283.8	311.5	23441.	-10506.	25688.	-74.5
101	75.0	-31.76	-95.8	-223.9	243.6	18720.	-8032.	20370.	-77.2
102	80.0	-33.88	-65.5	-167.8	180.1	14433.	-5774.	15545.	-79.3
103	85.0	-36.00	-37.9	-116.5	122.6	10573.	-3807.	11256.	-80.0
104	90.0	-38.12	-11.0	-66.5	67.4	6865.	-1857.	7112.	-81.1
105	95.0	-40.24	15.1	-18.8	24.1	3354.	18.	3354.	-82.1
106	100.0	-42.35	38.2	25.4	45.8	208.	1602.	1616.	-82.1
107	105.0	-44.47	59.0	64.4	87.3	-2556.	3018.	3956.	-81.4
108	110.0	-46.59	77.3	99.7	126.1	-4926.	4196.	6471.	-80.5
109	115.0	-48.71	94.4	133.4	163.7	-7211.	5369.	8990.	-79.3
110	120.0	-50.82	110.7	163.5	197.5	-9166.	6349.	11150.	-76.9
111	125.0	-52.94	122.6	187.5	224.0	-10594.	7027.	12713.	-73.4
112	130.0	-55.06	133.5	208.9	247.9	-11648.	7627.	14091.	-68.4
113	135.0	-57.18	141.1	225.2	265.7	-12609.	7925.	14893.	-62.0
114	140.0	-59.29	150.2	242.8	285.5	-13609.	8425.	16006.	-57.3
115	145.0	-61.41	155.3	254.2	297.9	-14092.	8614.	16516.	-52.3
116	150.0	-63.53	159.5	265.1	309.6	-14395.	8728.	16835.	-47.8
117	155.0	-65.65	162.4	270.2	315.3	-14614.	8781.	17049.	-45.2
118	160.0	-67.76	165.0	276.6	322.1	-14841.	8845.	17277.	-42.4
119	165.0	-69.88	165.6	279.6	324.9	-14787.	8739.	17177.	-39.0
120	170.0	-72.00	165.2	280.6	325.6	-14641.	8599.	16979.	-35.9
121	175.0	-74.12	163.6	279.0	323.4	-14502.	8359.	16566.	-32.7
122	180.0	-76.24	162.1	277.6	321.5	-14049.	8189.	16261.	-29.3
123	185.0	-78.35	159.2	273.5	316.5	-13610.	7915.	15752.	-26.1
124	190.0	-80.47	155.4	267.5	309.3	-13052.	7566.	15086.	-23.1
125	195.0	-82.59	151.5	261.7	302.3	-12541.	7231.	14476.	-20.8
126	200.0	-84.71	147.9	256.6	296.1	-12124.	6966.	13983.	-19.0
127	205.0	-86.82	143.3	249.4	287.7	-11590.	6635.	13355.	-16.9
128	210.0	-88.94	138.6	241.7	278.6	-11010.	6285.	12678.	-14.8
129	215.0	-91.06	133.6	233.6	269.2	-10422.	5938.	11995.	-13.0
130	220.0	-93.18	129.0	225.3	259.6	-9838.	5596.	11318.	-11.2
131	225.0	-95.29	124.5	217.9	250.7	-9301.	5282.	10696.	-9.3
132	230.0	-97.41	120.0	209.7	241.7	-8752.	4967.	10064.	-7.7

*** * * * WAVE POSITION SUMMARY REPORT * * * ***

LOAD CONDITION 3 — WAVE ANGLE = 240.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE TO STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
133	235.0	-99.53	115.5	201.6	232.4	-8211.	4666.	9445.	-6.1
134	240.0	-101.65	111.3	194.1	223.8	-7714.	4384.	8872.	-4.6
135	245.0	-103.76	107.3	187.5	216.1	-7277.	4116.	8361.	-3.3
136	250.0	-105.84	103.6	181.0	208.6	-6857.	3879.	7878.	-2.0
137	255.0	-108.00	100.2	174.9	201.6	-6458.	3652.	7419.	-.8
138	260.0	-110.12	96.8	169.0	194.8	-6079.	3436.	6983.	.2
139	265.0	-112.24	94.0	164.0	189.0	-5760.	3247.	6612.	1.4
140	270.0	-114.35	91.2	159.1	183.4	-5455.	3077.	6263.	1.9
141	275.0	-116.47	88.6	154.3	178.0	-5158.	2915.	5925.	2.8
142	280.0	-118.59	86.1	149.9	172.9	-4881.	2757.	5606.	3.4
143	285.0	-120.71	83.8	146.0	168.4	-4639.	2615.	5325.	3.8
144	290.0	-122.82	81.7	141.8	163.7	-4385.	2469.	5042.	4.4
145	295.0	-124.94	79.7	138.1	159.4	-4144.	2370.	4774.	4.3
146	300.0	-127.06	77.6	134.3	155.1	-3914.	2240.	4513.	4.4
147	305.0	-129.18	75.7	131.0	151.3	-3722.	2139.	4293.	4.4
148	310.0	-131.29	73.9	127.9	147.8	-3548.	2037.	4092.	4.5
149	315.0	-133.41	72.2	124.9	144.3	-3372.	1941.	3891.	4.6
150	320.0	-135.53	70.4	121.9	140.8	-3201.	1841.	3692.	4.6
151	325.0	-137.65	68.8	119.2	137.6	-3051.	1753.	3518.	4.7
152	330.0	-139.76	67.3	116.3	134.3	-2900.	1670.	3340.	4.8
153	335.0	-141.88	65.5	113.7	131.2	-2757.	1583.	3179.	4.7
154	340.0	-144.00	64.0	111.0	128.1	-2618.	1499.	3015.	4.6
155	345.0	-146.12	62.4	108.3	125.0	-2480.	1420.	2857.	4.8
156	350.0	-148.24	60.9	105.8	122.0	-2346.	1342.	2703.	5.0
157	355.0	-150.35	59.2	103.1	118.9	-2210.	1260.	2544.	4.9
158	360.0	-152.47	57.6	100.4	115.7	-2078.	1182.	2391.	5.1
159	365.0	-154.59	56.0	97.7	112.6	-1952.	1107.	2245.	5.1
160	370.0	-156.71	54.3	94.9	109.4	-1821.	1030.	2092.	5.2
161	375.0	-158.82	52.6	92.2	106.2	-1693.	952.	1942.	5.1
162	380.0	-160.94	50.9	89.4	102.9	-1563.	873.	1790.	5.0
163	385.0	-163.06	49.1	86.3	99.3	-1421.	790.	1625.	5.0
164	390.0	-165.18	47.3	83.3	95.8	-1288.	712.	1471.	4.9
165	395.0	-167.29	45.5	80.3	92.3	-1156.	633.	1319.	4.8

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 3 — WAVE ANGLE = 240.00

INITIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
166	400.0	-169.41	43.7	77.1	88.7	-1015.	556.	1157.	4.8
167	405.0	-171.53	41.6	73.9	84.9	-873.	475.	993.	4.8
168	410.0	-173.65	40.0	70.8	81.3	-735.	396.	835.	4.8
169	415.0	-175.76	36.2	67.5	77.5	-593.	315.	672.	4.7
170	420.0	-177.88	36.2	64.2	73.7	-451.	233.	507.	4.8
171	425.0	-180.00	34.1	60.7	69.6	-301.	143.	333.	4.8

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 4 — WAVE ANGLE = 270.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE TO STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-425.0	180.00	.0	70.2	70.2	-350.	1.	350.	5.3
2	-420.0	177.85	.1	66.3	66.3	-189.	4.	189.	5.3
3	-415.0	175.76	.0	62.0	62.0	-6.	2.	6.	5.4
4	-410.0	173.65	.0	57.9	57.9	156.	2.	156.	5.2
5	-405.0	171.53	.0	53.7	53.7	333.	-0.	333.	5.2
6	-400.0	169.41	.0	49.3	49.3	528.	-1.	526.	5.5
7	-395.0	167.29	.0	44.6	44.6	721.	1.	721.	5.9
8	-390.0	165.18	.0	40.3	40.3	902.	-1.	902.	6.0
9	-385.0	163.06	.0	35.5	35.5	1112.	-0.	1112.	5.8
10	-380.0	160.94	.0	30.0	30.0	1342.	-0.	1342.	6.2
11	-375.0	158.82	-.1	24.1	24.1	1583.	-14.	1584.	6.7
12	-370.0	156.71	-.1	18.0	18.0	1803.	-11.	1803.	7.0
13	-365.0	154.59	-.1	12.3	12.3	2064.	-11.	2064.	7.1
14	-360.0	152.47	-.0	5.5	5.5	2372.	-7.	2372.	7.6
15	-355.0	150.35	-.0	-1.2	1.2	2662.	-5.	2662.	8.0
16	-350.0	148.24	.2	-8.1	8.1	2952.	7.	2952.	8.8
17	-345.0	146.12	.2	-15.5	15.5	3280.	9.	3280.	9.4
18	-340.0	144.00	.1	-23.2	23.2	3599.	7.	3599.	9.9
19	-335.0	141.88	.1	-31.2	31.2	3945.	6.	3945.	10.4
20	-330.0	139.76	.1	-39.2	39.2	4281.	6.	4281.	11.2
21	-325.0	137.65	.1	-47.6	47.6	4647.	0.	4647.	11.8
22	-320.0	135.53	.1	-56.5	56.5	5020.	2.	5020.	12.4
23	-315.0	133.41	.1	-65.1	65.1	5402.	1.	5402.	13.1
24	-310.0	131.29	.1	-74.0	74.0	5788.	1.	5788.	13.7
25	-305.0	129.18	.1	-83.9	83.9	6229.	4.	6229.	14.7
26	-300.0	127.06	.1	-93.4	93.4	6643.	5.	6643.	15.8
27	-295.0	124.94	-.0	-103.3	103.3	7089.	1.	7089.	16.5
28	-290.0	122.82	-.1	-113.8	113.8	7559.	-5.	7559.	17.5
29	-285.0	120.71	.1	-124.2	124.2	8056.	3.	8056.	18.7
30	-280.0	118.59	.2	-135.5	135.5	8576.	10.	8576.	19.9
31	-275.0	116.47	.3	-145.7	145.7	9054.	17.	9054.	21.5
32	-270.0	114.35	.3	-156.0	156.0	9548.	17.	9548.	23.0
33	-265.0	112.24	.4	-167.0	167.0	10085.	21.	10085.	24.9

* * * * WAVE POSITION SUMMARY REPORT * * * *

LOAD CONDITION 4 — WAVE ANGLE = 270.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
34	-260.0	110.12	.3	-179.3	179.3	10701.	28.	10701.	28.2
35	-255.0	106.00	.3	-191.2	191.2	11301.	24.	11301.	30.0
36	-250.0	105.84	.2	-204.0	204.0	11990.	18.	11990.	31.9
37	-245.0	103.76	.2	-216.1	216.1	12639.	19.	12639.	34.0
38	-240.0	101.65	.2	-228.6	228.6	13324.	19.	13324.	36.1
39	-235.0	99.53	.2	-241.1	241.1	14029.	19.	14029.	38.2
40	-230.0	97.41	.2	-254.2	254.2	14764.	22.	14764.	40.7
41	-225.0	95.29	.3	-267.5	267.5	15548.	24.	15548.	42.8
42	-220.0	93.18	.3	-280.9	280.9	16331.	27.	16331.	45.2
43	-215.0	91.06	.3	-294.5	294.5	17150.	30.	17150.	47.5
44	-210.0	88.94	.3	-308.1	308.1	17989.	33.	17989.	50.0
45	-205.0	86.82	.3	-322.8	322.8	18910.	31.	18910.	52.4
46	-200.0	84.71	.3	-337.5	337.5	19871.	34.	19872.	54.9
47	-195.0	82.59	.3	-352.2	352.2	20828.	38.	20828.	57.3
48	-190.0	80.47	.3	-367.4	367.4	21823.	38.	21823.	59.5
49	-185.0	78.35	.3	-384.5	384.5	23005.	36.	23005.	61.6
50	-180.0	76.24	.5	-403.1	403.1	24274.	47.	24274.	64.1
51	-175.0	74.12	.4	-422.2	422.2	25580.	45.	25580.	66.0
52	-170.0	72.00	.5	-440.8	440.8	26834.	61.	26834.	67.5
53	-165.0	69.88	.6	-460.7	460.7	28244.	65.	28244.	69.9
54	-160.0	67.76	.3	-486.2	486.2	30155.	36.	30155.	71.7
55	-155.0	65.65	.2	-510.6	510.6	31941.	26.	31941.	72.9
56	-150.0	63.53	.4	-539.3	539.3	34222.	44.	34222.	80.7
57	-145.0	61.41	.3	-568.5	568.5	36289.	36.	36289.	83.3
58	-140.0	59.29	.3	-595.7	595.7	38527.	33.	38527.	85.2
59	-135.0	57.18	-.2	-627.7	627.7	41093.	-20.	41093.	90.7
60	-130.0	55.06	-.3	-659.6	659.6	43617.	-35.	43617.	93.3
61	-125.0	52.94	-.1	-694.1	694.1	46449.	-8.	46449.	103.0
62	-120.0	50.82	-.1	-732.6	732.6	49692.	-7.	49692.	101.0
63	-115.0	48.71	-.2	-767.0	767.0	52450.	-15.	52450.	98.5
64	-110.0	46.59	-.3	-802.5	802.5	55438.	-22.	55438.	95.8
65	-105.0	44.47	-.4	-837.9	837.9	58357.	-46.	58357.	91.9
66	-100.0	42.35	-.6	-874.3	874.3	61419.	-91.	61419.	87.2

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION: 4 — WAVE ANGLE = 270.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
67	-95.0	40.24	-1.2	-912.9	912.9	64773.	-139.	64773.	82.1
68	-90.0	38.12	-1.5	-951.2	951.2	68144.	-165.	68145.	76.4
69	-85.0	36.00	-1.7	-989.3	989.3	71550.	-197.	71550.	70.1
70	-80.0	33.88	-2.0	-1024.0	1024.0	75264.	-230.	75264.	62.7
71	-75.0	31.76	-2.6	-1067.4	1067.4	78903.	-309.	78904.	55.2
72	-70.0	29.65	-2.8	-1107.5	1107.5	82809.	-336.	82807.	48.0
73	-65.0	27.53	-2.9	-1143.2	1143.2	86333.	-355.	86334.	40.4
74	-60.0	25.41	-2.8	-1181.1	1181.1	90390.	-351.	90391.	32.3
75	-55.0	23.29	-2.9	-1216.0	1216.0	94084.	-340.	94085.	23.9
76	-50.0	21.18	-2.8	-1245.9	1245.9	97311.	-352.	97311.	15.8
77	-45.0	19.06	-2.1	-1279.5	1279.5	101335.	-243.	101335.	5.9
78	-40.0	16.94	-.9	-1297.3	1297.3	103933.	-75.	103933.	-4.5
79	-35.0	14.82	.5	-1335.1	1335.1	108766.	118.	108766.	-14.3
80	-30.0	12.71	2.0	-1356.3	1356.3	111669.	325.	111669.	-24.2
81	-25.0	10.59	3.1	-1370.6	1370.6	114105.	480.	114106.	-34.3
82	-20.0	8.47	2.5	-1411.3	1411.3	121159.	384.	121159.	-41.6
83	-15.0	6.35	.9	-1395.4	1395.4	120334.	132.	120334.	-49.9
84	-10.0	4.24	.6	-1395.0	1395.0	121302.	55.	121302.	-57.3
85	-5.0	2.12	-.1	-1384.3	1384.3	121696.	-54.	121696.	-61.9
86	0.0	-0.00	-.6	-1353.5	1353.5	119018.	-141.	119018.	-65.7
87	5.0	-2.12	-.5	-1316.2	1316.2	117093.	-129.	117093.	-69.4
88	10.0	-4.24	.2	-1270.1	1270.1	112780.	-24.	112780.	-71.7
89	15.0	-6.35	1.0	-1208.5	1208.5	106770.	94.	106770.	-71.9
90	20.0	-8.47	2.1	-1134.3	1134.3	99554.	263.	99554.	-71.4
91	25.0	-10.59	3.0	-1034.0	1034.0	89022.	396.	89023.	-71.1
92	30.0	-12.71	3.9	-952.4	952.5	81985.	535.	81986.	-70.9
93	35.0	-14.82	4.7	-863.9	864.0	72345.	659.	72346.	-70.8
94	40.0	-16.94	4.2	-793.3	793.5	66112.	573.	66115.	-62.3
95	45.0	-19.06	4.1	-714.2	714.2	59176.	552.	59178.	-65.0
96	50.0	-21.18	5.0	-630.7	630.7	52519.	675.	52523.	-66.9
97	55.0	-23.29	4.7	-546.2	546.3	44463.	631.	44467.	-71.7
98	60.0	-25.41	4.3	-476.1	476.1	38655.	584.	38659.	-73.5
99	65.0	-27.53	4.0	-405.9	406.0	33082.	538.	33086.	-75.9

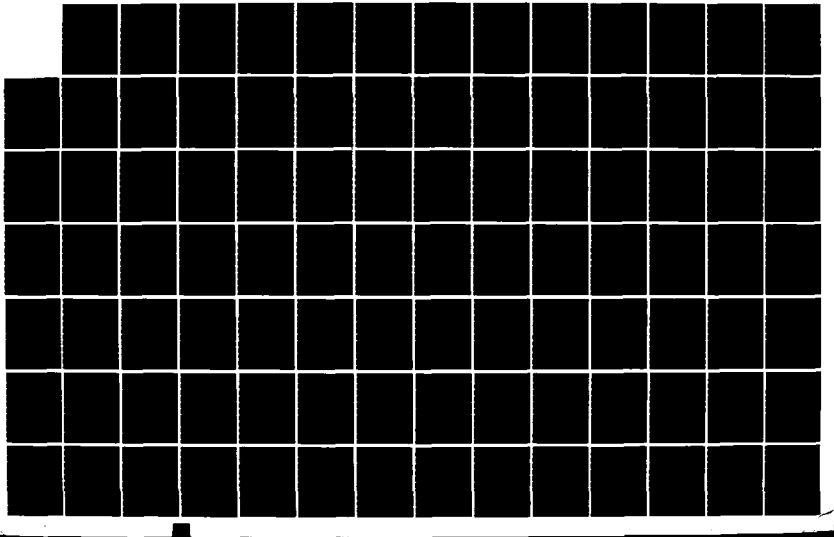
* * * * WAVE POSITION SUMMARY REPORT * * * *

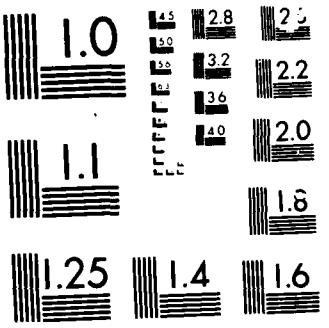
LOAD CONDITION 4 — WAVE ANGLE = 270.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
100	70.0	-29.65	3.6	-331.4	331.4	26961.	483.	26965.	-78.6
101	75.0	-31.76	3.2	-269.1	269.2	22300.	426.	22304.	-79.9
102	80.0	-33.88	2.8	-204.3	204.3	17287.	370.	17291.	-81.5
103	85.0	-36.00	2.5	-142.7	142.7	12656.	320.	12660.	-82.7
104	90.0	-38.12	2.1	-81.9	81.9	8053.	272.	8057.	-83.6
105	95.0	-40.24	1.8	-30.7	30.7	4491.	227.	4497.	-84.0
106	100.0	-42.35	1.2	19.6	19.6	632.	147.	845.	-82.7
107	105.0	-44.47	.9	65.7	65.7	-2380.	112.	2382.	-82.5
108	110.0	-46.59	.8	111.5	111.5	-5593.	103.	5593.	-82.2
109	115.0	-48.71	.6	150.7	150.7	-8250.	67.	8251.	-80.7
110	120.0	-50.82	.4	181.6	181.6	-10142.	47.	10142.	-76.9
111	125.0	-52.94	.4	212.9	212.9	-12170.	34.	12170.	-74.1
112	130.0	-55.06	.3	239.0	239.0	-13608.	33.	13608.	-70.8
113	135.0	-57.18	.3	259.9	259.9	-14685.	27.	14685.	-64.2
114	140.0	-59.29	.2	277.2	277.2	-15577.	26.	15577.	-59.2
115	145.0	-61.41	.2	287.3	287.3	-15811.	18.	15811.	-50.7
116	150.0	-63.53	.1	304.4	304.4	-16812.	15.	16812.	-48.8
117	155.0	-65.65	.2	313.1	313.1	-17049.	19.	17049.	-45.6
118	160.0	-67.76	.2	316.0	316.0	-17076.	25.	17076.	-42.5
119	165.0	-69.88	.1	321.2	321.2	-17030.	14.	17030.	-39.2
120	170.0	-72.00	.1	324.0	324.0	-16987.	12.	16987.	-36.5
121	175.0	-74.12	.1	324.2	324.2	-16733.	12.	16733.	-33.6
122	180.0	-76.24	.1	321.3	321.3	-16526.	11.	16526.	-29.8
123	185.0	-78.35	.1	313.7	313.7	-15529.	7.	15529.	-25.5
124	190.0	-80.47	.1	310.2	310.2	-15172.	10.	15172.	-23.2
125	195.0	-82.59	.2	305.0	305.0	-14693.	10.	14693.	-21.0
126	200.0	-84.71	.1	297.0	297.0	-14040.	8.	14040.	-18.9
127	205.0	-86.82	.2	288.4	288.4	-13385.	12.	13385.	-16.6
128	210.0	-88.94	.3	280.0	280.0	-12749.	19.	12749.	-14.4
129	215.0	-91.06	.3	271.5	271.5	-12117.	21.	12117.	-12.9
130	220.0	-93.18	.4	261.8	261.8	-11406.	21.	11406.	-11.0
131	225.0	-95.29	.4	251.5	251.5	-10719.	23.	10719.	-9.2
132	230.0	-97.41	.1	241.5	241.5	-10047.	8.	10047.	-7.8

AD-A165 690 DESIGN CALCULATIONS [illegible] STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) COAST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CNES/NAVFAC-FPO-7615-VOL-1 4/4

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

*** * * * WAVE POSITION SUMMARY REPORT * * * ***

LOAD CONDITION 4 — WAVE ANGLE = 270.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
133	235.0	-99.53	-.0	232.5	232.5	-9449.	-3.	9449.	-5.8
134	240.0	-101.65	-.1	224.1	224.1	-8892.	-12.	8892.	-4.5
135	245.0	-103.76	-.1	215.9	215.9	-8355.	-10.	8355.	-3.2
136	250.0	-105.88	-.1	207.9	207.9	-7838.	-5.	7838.	-2.2
137	255.0	-106.00	.1	201.0	201.0	-7392.	8.	7392.	-.6
138	260.0	-110.12	-.0	194.6	194.6	-6991.	-1.	6991.	.5
139	265.0	-112.24	-.0	188.4	188.4	-6599.	-2.	6599.	1.5
140	270.0	-114.35	.0	182.7	182.7	-6227.	-0.	6227.	2.3
141	275.0	-116.47	-.0	177.2	177.2	-5897.	-0.	5897.	2.7
142	280.0	-118.59	-.0	172.3	172.3	-5594.	-4.	5594.	3.1
143	285.0	-120.71	-.0	168.0	168.0	-5330.	-3.	5330.	4.3
144	290.0	-122.82	-.1	163.5	163.5	-5051.	-2.	5051.	4.6
145	295.0	-124.94	-.1	159.3	159.3	-4799.	-4.	4799.	4.8
146	300.0	-127.06	-.1	154.6	154.6	-4484.	-5.	4484.	4.3
147	305.0	-129.18	-.0	151.0	151.0	-4271.	0.	4271.	5.0
148	310.0	-131.29	-.0	147.3	147.3	-4060.	0.	4060.	5.2
149	315.0	-133.41	-.0	143.8	143.8	-3865.	-0.	3865.	5.3
150	320.0	-135.53	-.1	140.7	140.7	-3702.	-2.	3702.	5.3
151	325.0	-137.65	-.1	137.5	137.5	-3524.	-2.	3524.	4.5
152	330.0	-139.76	-.0	134.3	134.3	-3348.	-0.	3348.	4.9
153	335.0	-141.88	-.0	131.1	131.1	-3177.	-0.	3177.	4.9
154	340.0	-144.00	-.0	128.1	128.1	-3024.	-0.	3024.	5.0
155	345.0	-146.12	.0	125.0	125.0	-2862.	1.	2862.	5.0
156	350.0	-148.24	.0	122.0	122.0	-2702.	1.	2702.	5.2
157	355.0	-150.35	-.0	118.9	118.9	-2554.	-3.	2554.	5.4
158	360.0	-152.47	-.0	115.7	115.7	-2400.	-3.	2400.	5.2
159	365.0	-154.59	-.0	112.7	112.7	-2253.	-3.	2254.	5.2
160	370.0	-156.71	-.0	109.6	109.6	-2108.	-2.	2108.	5.5
161	375.0	-158.82	-.0	106.4	106.4	-1954.	-1.	1954.	5.5
162	380.0	-160.94	.0	103.2	103.2	-1808.	1.	1808.	5.5
163	385.0	-163.06	.0	100.0	100.0	-1660.	1.	1660.	5.3
164	390.0	-165.18	-.0	96.7	96.7	-1504.	-1.	1504.	5.3
165	395.0	-167.29	.0	93.2	93.2	-1346.	2.	1346.	5.2

*** * * * WAVE POSITION SUMMARY REPORT * * * ***

LOAD CONDITION 4 — WAVE ANGLE = 270.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE= TO=STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
166	400.0	-169.41	.0	89.6	89.6	-1185.	0.	1185.	5.2
167	405.0	-171.53	.1	85.7	85.7	-1015.	4.	1015.	5.2
168	410.0	-173.65	.0	81.8	81.8	-848.	2.	848.	5.2
169	415.0	-175.76	.0	78.1	78.1	-689.	0.	689.	5.3
170	420.0	-177.88	.1	74.2	74.2	-520.	4.	520.	5.3
171	425.0	-180.00	.0	70.1	70.1	-344.	0.	344.	5.3

**** D E A D L O A D R E P O R T ****

LOAD CONDITION 5 MEAN WATER DEPTH = 105.000 FT

STRUCTURE DEAD LOAD = -499.2378 KIPS

NO. OF WARNING ERRORS = 45

NO. OF FATAL ERRORS = 0

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 36 JS= 501 JE= 507

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 37 JS= 507 JE= 510

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 38 JS= 505 JE= 508

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 39 JS= 508 JE= 511

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 40 JS= 506 JE= 509

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 41 JS= 509 JE= 512

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 72 JS= 701 JE= 707

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 73 JS= 707 JE= 710

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 74 JS= 705 JE= 708

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 75 JS= 708 JE= 711

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 76 JS= 706 JE= 709

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 77 JS= 704 JE= 712

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 90 JS= 801 JE= 807

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 91 JS= 807 JE= 810

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 92 JS= 803 JE= 808

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 93 JS= 808 JE= 811

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 94 JS= 806 JE= 809

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 95 JS= 809 JE= 812

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 108 JS= 901 JE= 907

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 109 JS= 907 JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 110 JS= 903 JE= 908

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 111 JS= 908 JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 112 JS= 906 JE= 909

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 113 JS= 909 JE= 912

*** WARNING NO. SL. 7 ***

THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 129 JS=1001 JE=1007

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 130 JS=1007 JE=1010

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 131 JS=1003 JE=1006

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 132 JS=1008 JE=1011

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 133 JS=1006 JE=1009

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 134 JS=1009 JE=1012

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 168 JS= 401 JE= 510

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 169 JS= 403 JE= 511

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 170 JS= 406 JE= 512

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 171 JS= 510 JE= 710

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 172 JS= 511 JE= 711

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 173 JS= 512 JE= 712

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 174 JS= 710 JE= 810

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

```
MEMBER= 175     JS= 711     JE= 811

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 176     JS= 712     JE= 812

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 177     JS= 810     JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 178     JS= 811     JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 179     JS= 812     JE= 912

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 180     JS=1010     JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 181     JS=1011     JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 182     JS=1012     JE= 912
```

APPENDIX B.2

SEALOAD - 50 Year Storm - Crest & Trough

6000 REMOTE BATCH

*UNITED COMPUTING 6T. APEX/SL 8.7.0

08.04.27. 08/27/76.

```
PPPPPPPPPP    UU      UU  YY      YY   2222222222    SSSSSSSSS   LL          CCCCCCCCCC
PPPPPPPPPPPP  UU      UU  YY      YY  222222222222  SSSSSSSSSSS  LL         CCCCCCCCCCCC
PP      PP    UU      UU  YY      YY  2       222  SS          S LL        CC        CC
PP      PP    UU      UU  YY      YY          222  SS            LL        CC
PP      PP    UU      UU  YY      YY          222  SS            LL        CC
PP      PP    UU      UU  YY      YY          222  SS            LL        CC
PPPPPPPPPPPP  UU      UU  YYY    YYY          222  SS            LL        CC
PPPPPPPPPPP   UU      UU   YYY  YYY         2222   SSSSSSSSSS   LL        CC
PP            UU      UU   YYY YYY        2222     SSSSSSSSSS  LL        CC
PP            UU      UU    YYYYY        222              SS  LL        CC
PP            UU      UU     YYY        222               SS  LL        CC
PP            UU      UU     YY        222                SS  LL        CC
PP            UU      UU     YY       222                 SS  LL        CC
PP            UU      UU     YY      222                  SS  LL        CC
PP            UU      UU     YY      222         S        SS  LL    LL  CC        CC
PP             UUUUUUUUUU     YY     2222222222222  SSSSSSSSSSS LLLLLLLLLLLL  CCCCCCCCCCCC
PP              UUUUUUUU      YY     222222222222   SSSSSSSSS   LLLLLLLLLLLL   CCCCCCCCCC
```

SYNERGUM TECHNOLOGY USER BULLETIN

STRAN BULLETIN #5
*** ENDLOAD ***

THE METHOD FOR CALCULATING THE MOMENTS, SHEARS, AND AXIAL FORCES AT THE EXTREME ENDS OF A MEMBER HAS BEEN MODIFIED TO CORRECTLY INCLUDE CONCENTRATED LOADS OR MOMENTS APPLIED AT THE ENDS OF THE MEMBER. THIS TECHNIQUE IS BELIEVED TO GIVE THE TRUE EVALUATION OF THE ACTIONS AT THE ENDS OF A MEMBER DUE TO JOINT LOADS APPLIED AS MEMBER END LOADS. THEREFORE, FOR ANY MEMBER HAVING END LOADS--

1. ALL MEMBER STRESS REPORTS MAY BE EFFECTED.
2. SHEAR STRESSES WILL CHANGE WHERE CONCENTRATED LOADS ARE APPLIED AT THE MEMBER END.
3. BENDING OR TORSIONAL STRESSES WILL CHANGE WHERE MOMENT LOADS ARE APPLIED AT THE MEMBER END.
4. STRESSES OTHER THAN AT THE END WHERE THE LOAD IS APPLIED WILL NOT CHANGE.
5. MEMBERS WITHOUT END LOADS WILL NOT CHANGE.
6. THE MEMBER FORCES AND MOMENTS REPORT DOES NOT CHANGE.

HAVE YOU READ BULLETIN NO.4 REGARDING THE NEW ALLOWABLE STRESS AND UNITY CHECK FEATURES.

NOTE - IF YOU DO NOT HAVE ALL OF THE BULLETINS, YOU MAY OBTAIN A COPY BY SUBMITTING A RUN WITH THE FOLLOWING CONTROL CARDS:

```
GET,MARCBUL.
COPYSBF,MARCBUL.
```

```
                    ********************************************
                    *                                          *
                    *                SEALOAD-2                 *                PAGE    1
                    *                                          *
                    *     DEVELOPED BY SYNERCOM TECHNOLOGY, INC.*
                    *              HOUSTON, TEXAS              *
                    *             RELEASE 2  MOD 13            *
                    *                AUG 1976                  *
                    *                                          *
                    ********************************************

                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1  CUEF     1.0  1.00         1.00
    2           10.0  1.00         1.00
    3           17.57 1.00         0.257
    4           18.0  1.00         1.00
    5           20.0  1.00         1.00
    6           20.33 1.00         0.297
    7           22.05 1.00         0.322
    8           24.0  1.00         1.00
    9           24.91 1.00         0.363
   10           26.0  1.00         0.246
   11           27.57 1.00         0.403
   12           30.0  1.00         1.00
   13           30.32 1.00         0.443
   14           36.0  1.00         1.00
   15           40.0  1.00         1.00
   16           47.0  1.00         1.00
   17           65.47 1.00         0.957
   18           68.23 1.00         0.997
   19  END      70.0  1.00         1.00
   20  U.S. NAVY  -  ACMR PLATFORMS  -  PLATFORMS =3 + =4  -  MLW 105.0 FEET
   21                          WAVE FOR 50 YEAR STORM - MODIFIED
   22                                    J.  TALBOT
   23                                  AUGUST, 1976
   24                                    27-771-01
   25  SIWAN    1 60   20 20 5  1   2 90   20 20 5  1 DF 11     00 9                    3 1
   26  SIWAN    32400 20 20 5  1   42700 20 20 5  1
   27  SIWAN    5 600    365        6 900    365
   28  END      72400    365        82700    365
   29  GRID     41   17             FULL VERT        105.0
   30  XSPC     00   200  400  600  800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800
   31  XSPC  3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800
   32  XSPC  6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000
   33  YSPC  1500 1400 1300 1200 1100 1000  900  800  700  600  500  400  300  200  100
   34  YSPC    00
   35  YSPC  1570 1558 1470 1394 1323 1260 1205 1158 1119 1085 1056 1035 1017 1002  990
   36  YSPC   980  975  967  963  959  958  959  963  967  975  980  999 1002 1017 1035
   37  YSPC  1056 1085 1119 1158 1205 1260 1323 1394 1470 1558 1570
   38    SUM 3619 2593 2795 3261  937 1748  245  396  169   54   00  -01  -16  -51  -68
   39    SUM  -94 -118 -137 -152 -162 -169 -162 -152 -137 -118  -94  -68  -51  -16  -01
   40    SUM   00   54  169  396  245 1748  937 3261 2795 2593 3619
   41    150 8672 5471 2795
   42    150
```

```
                  1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

      43   150                                                2795 5471 6072
      44   140 9163 8157 5797 3261  937
      45   140
      46   140                                          937 3261 5797 8157 9163
      47   130 7324 7030 6095 4702 3240 1748  245
      48   130
      49   130                                    245 1748 3240 4702 6095 7030 7324
      50   120 5546 5063 4318 3315 2302 1443  804  346  169
      51   120
      52   120           169  346  804 1443 2302 3315 4318 5063 5546
      53   110 4477 4200 3676 2684 2061 1556  780  401  171   54   08  -01  -18  -51
      54   110                                                      -51  -18  -01
      55   110   08   54  171  401  780 1556 2061 2684 3676 4200 4477
      56   100 3787 3618 3158 2522 1644 1230  748  403  183   02   10  -01  -15  -40  -68
      57   100  -94 -118 -137 -152 -162 -169 -162 -152 -137 -118  -94  -68  -40  -15  -01
      58   100   10   02  183  403  748 1230 1644 2522 3158 3618 3787
      59    90 3234 3100 2731 2214 1650 1134  710  346  180   68   15       -12  -37  -66
      60    90  -95 -120 -140 -156 -168 -175 -180 -156 -140 -120  -95  -66  -37  -12
      61    90   15   68  180  346  710 1134 1650 2214 2731 3100 3234
      62    80 2784 2601 2390 1953 1484 1045  648  303  180   72   15       -11  -36  -66
      63    80  -97 -124 -147 -165 -178 -185 -178 -165 -147 -124  -97  -66  -36  -11
      64    80   15   72  180  303  648 1045 1484 1953 2390 2601 2784
      65    70 2428 2339 2090 1735 1341  957  625  366  184   72   16       -11  -36  -68
      66    70 -100 -130 -155 -175 -189 -194 -189 -175 -155 -130 -100  -68  -36  -11
      67    70   16   72  184  366  625  957 1341 1735 2090 2339 2428
      68    60 2135 2000 1852 1555 1215  878  581  345  170   70   15       -15  -38  -72
      69    60 -109 -138 -165 -187 -203 -213 -203 -187 -165 -138 -100  -72  -38  -15
      70    60   15   70  170  345  581  878 1215 1555 1852 2000 2135
      71    50 1699 1537 1401 1204 1105  805  550  322  165   65   14       -13  -42  -76
      72    50 -114 -148 -177 -200 -215 -229 -218 -200 -177 -148 -114  -78  -42  -13
      73    50   14   65  165  322  550  805 1105 1404 1661 1857 1699
      74    40 1712 1657 1503 1275 1008  739  496  298  152   59   11       -16  -48  -85
      75    40 -124 -160 -191 -217 -235 -248 -235 -217 -191 -160 -124  -85  -48  -16
      76    40   11   59  152  298  496  739 1008 1275 1503 1657 1712
      77    30 1560 1512 1373 1168  926  660  456  273  130   51   01       -22  -55  -96
      78    30 -137 -175 -208 -235 -256 -268 -256 -235 -208 -175 -137  -96  -55  -22
      79    30   01   51  130  273  456  660  926 1168 1373 1512 1560
      80    20 1434 1395 1268 1078  855  627  419  248  122   43   06  -04  -30  -65 -108
      81    20 -152 -193 -228 -257 -278 -292 -278 -257 -228 -193 -152 -108  -65  -30  -04
      82    20   06   43  122  248  419  627  855 1078 1268 1395 1434
      83    10 1345 1303 1184 1005  795  580  384  223  106   37   05  -08  -39  -77 -124
      84    10 -171 -214 -251 -282 -304 -319 -304 -282 -251 -214 -171 -124  -77  -39  -08
      85    10   05   37  106  223  384  580  795 1005 1184 1303 1345
      86     0 1275 1234 1119  947  745  558  351  200   90   30       -15  -48  -92 -143
      87     0 -193 -239 -278 -310 -333 -349 -333 -310 -278 -239 -193 -143  -92  -48  -15
      88     0          30   90  200  351  558  745  947 1119 1234 1275
      89   SUM          431  648  707  693  643  574  447  420  350  289  234  188  150  119
      90   SUM   94   72   54   39   26   15  -26  -39  -54  -72  -94 -119 -150 -188 -234
      91   SUM -289 -350 -420 -497 -574 -643 -693 -707 -648 -431
      92   150          348  648
```

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
93	150														
94	150								-648	-348					
95	140		525	573	707	693									
96	140														
97	140							-693	-707	-573	-325				
98	130		269	483	616	673	645	574							
99	130														
100	130					-574	-645	-673	-616	-483	-269				
101	120		225	410	534	596	608	572	497	420					
102	120														
103	120			-420	-497	-572	-608	-596	-534	-410	-225				
104	110		190	351	465	528	546	527	480	418	350	289	234	188	150
105	110													-150	-188	-234
106	110	-289	-350	-418	-480	-527	-546	-528	-465	-351	-190					
107	100		162	303	407	470	494	466	452	403	347	290	237	190	150	119
108	100	94	72	54	39	26	15	-26	-39	-54	-72	-94	-119	-150	-190	-237
109	100	-290	-347	-403	-452	-486	-494	-470	-407	-303	-102					
110	90		140	245	358	420	449	449	426	388	341	291	243	199	161	128
111	90	101	78	58	42	28	16	-28	-42	-58	-78	-101	-128	-161	-199	-243
112	90	-291	-341	-398	-428	-449	-449	-420	-358	-265	-140					
113	80		122	231	318	378	410	416	400	373	338	291	247	206	169	137
114	80	109	85	64	47	31	17	-31	-47	-64	-85	-109	-137	-169	-206	-247
115	80	-291	-338	-373	-400	-416	-410	-378	-318	-231	-122					
116	70		108	205	285	343	377	388	381	359	327	289	250	211	176	144
117	70	116	91	70	51	34	19	-34	-51	-70	-91	-116	-144	-176	-211	-250
118	70	-289	-327	-359	-381	-388	-377	-343	-285	-205	-108					
119	60		95	184	258	313	349	364	362	340	320	287	251	215	181	150
120	60	121	96	74	54	36	20	-36	-54	-74	-96	-121	-150	-181	-215	-251
121	60	-287	-320	-346	-362	-364	-349	-313	-254	-184	-96					
122	50		87	167	236	290	326	344	346	335	313	284	252	218	185	154
123	50	126	100	78	57	38	21	-38	-57	-78	-100	-126	-154	-185	-218	-252
124	50	-284	-313	-335	-345	-344	-326	-290	-236	-167	-87					
125	40		80	154	219	271	307	328	333	326	308	282	252	220	188	158
126	40	129	104	80	59	40	22	-40	-59	-80	-104	-129	-158	-188	-220	-252
127	40	-282	-308	-326	-333	-328	-307	-271	-219	-154	-80					
128	30		75	145	207	257	293	315	323	318	303	280	252	221	190	160
129	30	132	106	83	61	41	23	-41	-61	-83	-106	-132	-160	-190	-221	-252
130	30	-280	-303	-318	-323	-315	-295	-257	-207	-145	-75					
131	20		71	138	195	247	284	307	316	313	300	278	252	222	192	162
132	20	134	108	84	62	42	25	-42	-62	-84	-108	-134	-162	-192	-222	-252
133	20	-278	-300	-313	-316	-307	-284	-247	-195	-136	-71					
134	10		69	134	192	241	278	301	312	310	297	277	251	223	193	163
135	10	135	109	85	63	43	24	-43	-63	-85	-109	-135	-163	-193	-223	-251
136	10	-277	-297	-310	-312	-301	-276	-241	-192	-134	-69					
137	0		68	133	191	239	276	300	310	309	297	277	251	223	193	164
138	0	136	110	85	63	43	24	-43	-63	-85	-110	-136	-164	-193	-223	-251
139	0	-277	-297	-309	-310	-300	-276	-239	-191	-133	-68					
140	SUM		453	1129	1548	1654	1552	1337	1043	650	645	472	556	233	157	103
141	SUM	66	41	23	12	06	02	-06	-12	-23	-41	-66	-103	-157	-235	-356
142	SUM	-472	-645	-650	-1043	-1337	-1552	-1654	-1548	-1129	-453					

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  143   150        375 1129
  144   150
  145   150                                          -1129 -375
  146   140        200  889 1546 1654
  147   140
  148   140                                   -1654-1546 -889 -200
  149   130        103  636 1152 1546 1552 1337
  150   130
  151   130                          -1337-1552-1546-1152 -636 -103
  152   120        130  458  845 1156 1318 1319 1093  850
  153   120
  154   120             -850-1098-1319-1318-1156 -845 -458 -130
  155   110         93  331  619  861  999 1022  953  821  645  472  336  233  157
  156   110                                                        -157 -233 -336
  157   110 -472 -645 -821 -953-1022 -999 -861 -619 -331  -93
  158   100         66  256  452  636  752  786  746  654  559  421  315  226  157  103
  159   100   56    41   25   12   06   02  -06  -12  -25  -41  -66 -103 -157 -226 -315
  160   100 -421 -559 -654 -746 -786 -752 -636 -452 -256  -66
  161    90         47  171  327  468  562  597  575  512  428  340  258  187  131   89
  162    90   56    36   21   11   05   02  -05  -11  -21  -36  -56  -89 -131 -187 -258
  163    90 -340 -428 -512 -575 -597 -562 -468 -327 -171  -47
  164    80         33  121  234  340  414  445  434  392  335  266  206  151  107   73
  165    80   47    30   17   09   04   01  -04  -09  -17  -30  -47  -73 -107 -151 -206
  166    80 -266 -335 -392 -434 -445 -414 -340 -234 -121  -33
  167    70         23   85  165  242  300  324  320  295  252  205  159  118   84   57
  168    70   36    24   14   08   03   01  -03  -08  -14  -24  -36  -57  -84 -118 -159
  169    70 -205 -252 -295 -320 -324 -300 -242 -165  -85  -23
  170    60         16   57  113  167  207  226  227  210  183  151  118   88   63   43
  171    60   28    18   11   06   03   01  -03  -06  -11  -18  -28  -43  -63  -88 -118.
  172    60 -151 -183 -210 -227 -226 -207 -167 -113  -57  -16
  173    50         10   37   74  110  138  152  154  144  126  105   83   62   44   30
  174    50   20    13   08   04   02   01  -02  -04  -08  -13  -20  -30  -44  -62  -83
  175    50 -105 -126 -144 -154 -152 -138 -110  -74  -37  -10
  176    40         06   23   45   68   85   95   96   91   81   68   55   41   29   20
  177    40   15    08   05   03   01        -01  -03  -05  -08  -15  -20  -29  -41  -55
  178    40  -68  -81  -91  -96  -95  -85  -68  -45  -23  -06
  179    30         03   12   25   37   47   52   53   51   46   41   35   25   16   11
  180    30   07    05   03   02   01        -01  -02  -03  -05  -07  -11  -16  -25  -35
  181    30  -41  -46  -51  -53  -52  -47  -37  -25  -12  -03
  182    20         01   05   11   16   20   23   24   23   20   22   18   11   07   05
  183    20   03    02   01   01                  -01  -01  -02  -03  -05  -07  -11  -18
  184    20  -22  -20  -25  -24  -23  -20  -16  -11  -05  -01
  185    10              01   03   04   05   06   06   06   06   06   05   03   02   01
  186    10   01    01                                  -01  -01  -01  -02  -03  -05
  187    10  -06  -06  -06  -06  -06  -05  -04  -03  -01
  188     0
  189     0
  190     0
  191   SUM -831 -551 -330 -141   09  123  208  251  271  271  258  238  212  186  160
  192   SUM  138  120  104   91   82   76   82   91  104  120  138  160  186  212  238
```

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  193   300  256  271  271  251  204  123   09 -141 -330 -551 -631
  194   150 -010 -552 -330
  195   150
  196   150                                          -550 -552 -010
  197   140 -582 -516 -347 -141   09
  198   140
  199   140                                    09 -141 -347 -516 -582
  200   130 -550 -485 -350 -177  -04  123  204
  201   130
  202   130                          204  123  -04 -177 -350 -485 -550
  203   120 -486 -446 -339 -195  -45   90  200  251  271
  204   120
  205   120                271  251  200   90  -45 -195 -339 -446 -486
  206   110 -436 -404 -318 -199  -71   48  147  219  261  271  250  238  212  186
  207   110                                                        186  212  238
  208   110  256  271  261  219  147   48  -71 -199 -318 -404 -436
  209   100 -357 -361 -291 -195  -85   16  106  172  214  254  230  226  208  185  160
  210   100  138  120  104   91   82   76   82   91  104  120  138  160  185  208  226
  211   100  230  254  214  172  106   18  -85 -193 -291 -361 -387
  212    90 -340 -319 -265 -182  -91  -03   75  134  175  196  202  196  183  165  146
  213    90  120  112   98   85   76   73   76   86   98  112  120  146  165  183  196
  214    90  202  196  175  134   75  -03  -91 -182 -265 -319 -340
  215    80 -295 -279 -233 -167  -91  -16   51  104  141  163  171  169  159  145  130
  216    80  115  101   89   79   71   67   71   79   89  101  115  130  145  159  169
  217    80  171  163  141  104   51  -16  -91 -167 -233 -279 -295
  218    70 -253 -240 -205 -149  -80  -23   34   80  114  134  143  143  137  126  114
  219    70  101   89   79   70   64   60   64   70   79   89  101  114  126  137  143
  220    70  143  134  114   80   34  -23  -80 -149 -205 -240 -253
  221    60 -215 -202 -173 -129  -76  -26   22   61   90  109  118  119  115  107   97
  222    60   87   77   69   61   56   53   56   61   69   77   87   97  107  115  119
  223    60  118  109   90   61   22  -26  -76 -129 -173 -202 -215
  224    50 -175 -167 -143 -109  -68  -25   13   46   70   87   95   97   94   89   81
  225    50   73   65   58   52   48   45   48   52   58   65   73   81   89   94   97
  226    50   95   87   70   46   13  -26  -68 -109 -143 -167 -175
  227    40 -138 -132 -114  -88  -56  -24   07   33   53   67   74   76   75   70   65
  228    40   58   52   47   42   39   36   39   42   47   52   58   65   70   75   76
  229    40   74   67   53   33   07  -24  -56  -88 -114 -132 -138
  230    30 -103  -98  -86  -66  -43  -19   04   23   38   48   54   56   56   53   49
  231    30   44   39   35   32   29   28   29   32   35   39   44   49   53   56   56
  232    30   54   48   38   23   04  -19  -43  -66  -86  -98 -103
  233    20  -56  -05  -57  -45  -29  -14   02   14   25   32   36   37   37   35   32
  234    20   29   26   24   22   20   19   20   22   24   26   29   32   35   37   37
  235    20   35   32   25   14   02  -14  -29  -45  -57  -05  -08
  236    10  -34  -33  -29  -22  -15  -07   01   07   12   16   18   19   18   18   16
  237    10   15   15   12   11   10   09   10   11   12   13   15   16   18   18   19
  238    10   16   16   12   07   01  -07  -15  -22  -29  -33  -34
  239     0   00                                                                   00
  240     0   00                                                                   00
  241     0   00                                                              00
  242  -100   1   100+3610 1750 1095 145 15   ALL
```

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO.  1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  243          2   10203610 1694 1095 145 15   ALL
  244  END
```

**** COEFFICIENT TABLE REPORT ****

DIAMETER IN	NORMAL DRAG COEF	TANG DRAG COEF	MASS COEF
1.000	1.0000	-0.0000	1.0000
16.000	1.0000	-0.0000	1.0000
17.570	1.0000	-0.0000	.2570
18.000	1.0000	-0.0000	1.0000
20.000	1.0000	-0.0000	1.0000
20.330	1.0000	-0.0000	.2970
22.050	1.0000	-0.0000	.3220
24.000	1.0000	-0.0000	1.0000
24.810	1.0000	-0.0000	.3630
26.810	1.0000	-0.0000	.2460
27.570	1.0000	-0.0000	.4030
30.000	1.0000	-0.0000	1.0000
30.320	1.0000	-0.0000	.4430
33.000	1.0000	-0.0000	1.0000
40.000	1.0000	-0.0000	1.0000
47.000	1.0000	-0.0000	1.0000
53.470	1.0000	-0.0000	.4570
60.230	1.0000	-0.0000	.4970
70.000	1.0000	-0.0000	1.0000

U.S. NAVY - ACMR PLATFORMS - PLATFORMS #3 + #4 - ML= 105.0 FEET

WAVE FOR 50 YEAR STORM - MODIFIED

J. TALBOT

AUGUST, 1976

27-771-01

INPUT UNITS
....ENGLISH

OUTPUT UNITS
....ENGLISH

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 1 WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	8.47	675.0	1229.0	1402.2	-105725.	56933.	120080.	-64.4
2	-15.0	6.35	692.9	1252.8	1409.3	-107087.	58782.	122685.	-72.3
3	-10.0	4.24	674.9	1215.3	1390.1	-106052.	58462.	121782.	-80.8
4	-5.0	2.12	665.9	1191.4	1364.9	-105235.	58102.	120209.	-85.0
5	0.0	-0.00	650.0	1166.5	1338.3	-103051.	57700.	118029.	-89.1
6	5.0	-2.12	627.1	1107.6	1274.5	-98015.	54870.	112328.	-89.9
7	10.0	-4.24	547.3	1052.0	1209.8	-92429.	51989.	106048.	-90.0
8	15.0	-6.35	570.4	990.7	1150.1	-87577.	49575.	100655.	-90.2
9	20.0	-8.47	531.2	922.8	1064.8	-79724.	45569.	91828.	-87.5

**** L U A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 1 WAVE DIRECTION = 60.000

X SHEAR FORCE =	682.8755 KIPS
Y SHEAR FORCE =	1252.7681 KIPS
RESULTANT SHEAR FORCE =	1409.2854 KIPS
X MUDLINE MOMENT =	-107686.5974 FT-KIPS
Y MUDLINE MOMENT =	58761.5736 FT-KIPS
RESULTANT MUDLINE MOMENT =	122685.2748 FT-KIPS
Z VERTICAL FORCE =	-72.3097 KIPS

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 2 — WAVE ANGLE = 90.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	0.47	8.6	1432.5	1432.5	-123994.	1225.	124000.	-54.0
2	-15.0	0.35	9.8	1427.7	1427.8	-124785.	1402.	124795.	-62.9
3	-10.0	4.24	9.4	1411.5	1411.5	-124510.	1339.	124517.	-69.6
4	-5.0	2.12	8.2	1374.7	1374.7	-121629.	1162.	121634.	-73.6
5	0.0	-0.00	6.8	1323.8	1323.8	-116774.	957.	116778.	-75.4
6	5.0	-2.12	5.1	1267.3	1267.3	-111370.	702.	111372.	-76.4
7	10.0	-4.24	3.7	1190.8	1190.8	-103644.	479.	103645.	-77.4
8	15.0	-6.35	2.7	1114.0	1114.0	-96201.	330.	96202.	-74.2
9	20.0	-8.47	2.2	1055.4	1055.4	-91134.	269.	91134.	-77.2

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 2 WAVE DIRECTION = 90.000

X SHEAR FORCE =	9.7653 KIPS
Y SHEAR FORCE =	1427.7466 KIPS
RESULTANT SHEAR FORCE =	1427.7800 KIPS
X MUDLINE MOMENT =	-124785.2616 FT-KIPS
Y MUDLINE MOMENT =	1401.9507 FT-KIPS
RESULTANT MUDLINE MOMENT =	124793.1567 FT-KIPS
Z VERTICAL FORCE =	-62.8666 KIPS

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 3 — WAVE ANGLE = 240.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	0.47	-658.2	-1219.8	1400.5	104457.	-58709.	119825.	-31.0
2	-15.0	0.35	-689.0	-1231.6	1411.2	107334.	-59668.	122804.	-39.2
3	-10.0	0.24	-674.0	-1215.0	1389.4	106418.	-59506.	121880.	-45.5
4	-5.0	0.12	-650.6	-1200.6	1370.4	105978.	-57691.	120863.	-50.2
5	0.0	-0.00	-646.0	-1182.6	1347.5	105149.	-56709.	119867.	-54.1
6	5.0	-0.12	-612.1	-1135.3	1288.0	100380.	-53298.	113652.	-56.7
7	10.0	-0.24	-578.9	-1044.9	1229.7	95919.	-50085.	108208.	-58.4
8	15.0	-0.35	-546.4	-1030.3	1166.2	90756.	-47032.	102219.	-62.2
9	20.0	-0.47	-502.9	-960.6	1084.3	85613.	-42536.	93811.	-61.7

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 3 WAVE DIRECTION =240.000

X SHEAR FORCE =	-609.0115 KIPS
Y SHEAR FORCE =	-1251.5563 KIPS
RESULTANT SHEAR FORCE =	1411.1957 KIPS
X MUDLINE MOMENT =	107355.6697 FT-KIPS
Y MUDLINE MOMENT =	-54667.7145 FT-KIPS
RESULTANT MUDLINE MOMENT =	122803.7100 FT-KIPS
Z VERTICAL FORCE =	-34.2270 KIPS

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 4 — WAVE ANGLE = 270.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	0.47	2.5	-1411.3	1411.3	121159.	384.	121159.	-41.6
2	-15.0	0.35	.9	-1395.4	1395.4	120334.	132.	120334.	-49.9
3	-10.0	0.24	.6	-1393.0	1393.0	121302.	55.	121302.	-57.3
4	-5.0	0.12	-.1	-1384.3	1384.3	121096.	-54.	121096.	-61.9
5	0.0	-0.00	-.6	-1355.5	1355.5	119618.	-141.	119618.	-65.7
6	5.0	-0.12	-.5	-1310.2	1310.2	117093.	-129.	117093.	-69.4
7	10.0	-0.24	.2	-1270.1	1270.1	112786.	-24.	112786.	-71.7
8	15.0	-0.35	1.0	-1208.5	1208.5	106770.	94.	106770.	-71.9
9	20.0	-0.47	2.1	-1134.3	1134.3	99554.	265.	99554.	-71.4

**** L U A U S U M M A R Y R E P O R T ****

WAVE NUMBER = 4 WAVE DIRECTION =270.000

X SHEAR FORCE =	-.0914 KIPS
Y SHEAR FORCE =	-1384.2500 KIPS
RESULTANT SHEAR FORCE =	1384.2500 KIPS
X MUDLINE MOMENT =	121694.1914 FT-KIPS
Y MUDLINE MOMENT =	-53.7219 FT-KIPS
RESULTANT MUDLINE MOMENT =	121696.2033 FT-KIPS
Z VERTICAL FORCE =	-61.8631 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 5 WAVE DIRECTION = 60.000

X SHEAR FORCE =	-6.8075 KIPS
Y SHEAR FORCE =	-8.6060 KIPS
RESULTANT SHEAR FORCE =	11.0201 KIPS
X MUDLINE MOMENT =	-1849.3465 FT-KIPS
Y MUDLINE MOMENT =	1009.1489 FT-KIPS
RESULTANT MUDLINE MOMENT =	2106.7662 FT-KIPS
Z VERTICAL FORCE =	7.3009 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 6 WAVE DIRECTION = 90.000

X SHEAR FORCE =	-.1075 KIPS
Y SHEAR FORCE =	-8.9786 KIPS
RESULTANT SHEAR FORCE =	8.9802 KIPS
X MUDLINE MOMENT =	-2185.5561 FT-KIPS
Y MUDLINE MOMENT =	-14.2424 FT-KIPS
RESULTANT MUDLINE MOMENT =	2185.6025 FT-KIPS
Z VERTICAL FORCE =	7.3442 KIPS

LOAD SUMMARY REPORT

WAVE NUMBER = 7 WAVE DIRECTION =240.000

X SHEAR FORCE =	4.0960 KIPS
Y SHEAR FORCE =	10.1414 KIPS
RESULTANT SHEAR FORCE =	10.9374 KIPS
X MUDLINE MOMENT =	1808.5507 FT-KIPS
Y MUDLINE MOMENT =	-1099.1764 FT-KIPS
RESULTANT MUDLINE MOMENT =	2116.3753 FT-KIPS
Z VERTICAL FORCE =	7.2055 KIPS

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 6 WAVE DIRECTION =270.000

X SHEAR FORCE =	=.1015 KIPS
Y SHEAR FORCE =	12.3366 KIPS
RESULTANT SHEAR FORCE =	12.3370 KIPS
X MUDLINE MOMENT =	2063.9006 FT-KIPS
Y MUDLINE MOMENT =	=11.0655 FT-KIPS
RESULTANT MUDLINE MOMENT =	2063.9304 FT-KIPS
Z VERTICAL FORCE =	7.1111 KIPS

**** D E A D L O A D R E P O R T ****

LOAD CONDITION 9 MEAN WATER DEPTH = 105.000 FT

STRUCTURE DEAD LOAD = -499.2578 KIPS

SEALOAD-2

DEVELOPED BY SYSTEMS TECHNOLOGY, INC.
HOUSTON, TEXAS
RELEASE 2 MOD 13
AUG 1970

```
LINE NO. 1....5....0....5....1....5....2....5....3....5....4....5....5....5....6....5....7....5....8
    1 SELT
    2 SELT #ISHBUN    PRI  5000 3000000 3000000 3000000   1000          500
    3 SELT #10X50     #FL  1620     125   60200    4020    750  570 1800  350   50
    4 SELT #8A24      #FC   700      34    9250    1620    650  390  795  245   50
    5 SELT #8A15      #FC   450      11    3010     967    600  269  600  235   50
    6 GROUP
    7 GROUP 100            800  500  29  110  30       100 100       5000
    8 GROUP 105           1075  305  29  110  30       100 100       5000
    9 GROUP 106           1075  800  29  110  30       100 100       5000
   10 GROUP 107           1075  305  29  110  30       100 100       5000
   11 GROUP 108           1075  305  29  110  30       100 100       5000
   12 GROUP 109           1075  305  29  110  30       100 100       5000
   13 GROUP 120           1275  500  29  110  30        60  60       5000
   14 GROUP 125           1275  500  29  110  30        60  60       5000
   15 GROUP 123           1275  500  29  110  30        60  60       5000
   16 GROUP 137           1275  500  29  110  30       100  60       5000
   17 GROUP 140           1400  375  29  110  30        60  60       5000
   18 GROUP 145           1400  500  29  110  30       100  60       5000
   19 GROUP 140           1400  375  29  110  30        60  60       5000
   20 GROUP 165           1600  625  29  110  30       100  60       5000
   21 GROUP 159           1600  500  29  110  30       100  60       5000
   22 GROUP 180           1800  500  29  110  30        60  60       5000
   23 GROUP 200           2000  625  29  110  30        60  60       5000
   24 GROUP 200           2000  625  29  110  30       100  60       5000
   25 GROUP DAL           3000 1000  29  110  30       100 100       5000
   26 GROUP  P1           4200 1750  29  110  30       100 100       5000
   27 GROUP  P2           4200 2000  29  110  30       100 100       5000
   28 GROUP  P3           4200 2375  29  110  30       100 100       5000
   29 GROUP JL4           4800 1750  29  110  30       100 100       5000
   30 GROUP JL5           4650 1000  29  110  30       100 100       5000
   31 GROUP JL6           4650 1000  29  110  30       100 100       5000
   32 GROUP JL7           4550  500  29  110  30       100 100       5000
   33 GROUP JL8           4550  500  29  110  30       100 100       5000
   34 GROUP JL9           4550  500  29  110  30       100 100       5000
   35 GROUP OUT           1800  500  29  110  30       100 100       5000
   36 GROUP #8A #ISHBUN                29  110  30
   37 GROUP #10 #10X50                 29  110  30       200  50  01
   38 GROUP #08 #8A24                  29  110  30       100 100  01
   39 GROUP #08 #8A15                  29  110  30       100 100  01
   40 REMOEN
   41 REMOEN  101 102 #1A                                              1800
   42 REMOEN  102 103 #1A                                              1800
```

```
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
      43  MEMBER  103 105 #18                                                          1800
      44  MEMBER  105 106 #18                                                          1800
      45  MEMBER  101 104 #18                                                          1800
      46  MEMBER  104 105 #18                                                          1800
      47  MEMBER  102 104 #08                                                           800
      48  MEMBER  102 105 #08                                                           800
      49  MEMBER  104 105 #08                                                           800
      50  MEMBER  201 202 #18                                                          1800
      51  MEMBER  202 203 #18                                                          1800
      52  MEMBER  203 205 #18                                                          1800
      53  MEMBER  205 206 #18                                                          1800
      54  MEMBER  201 204 #18                                                          1800
      55  MEMBER  204 205 #18                                                          1800
      56  MEMBER  202 204 #08                                                           800
      57  MEMBER  202 205 #08                                                           800
      58  MEMBER  204 205 #08                                                           800
      59  MEMBER  201 303 120                                                          2400
      60  MEMBER  203 306 120                                                          2400
      61  MEMBER  206 301 120                                                          3600
      62  MEMBER  301 303 120SK                                                        2400
      63  MEMBER  106 291 120SK                                                        2400
      64  MEMBER  301 303 125                                                          2000
      65  MEMBER  303 306 125                                                          2000
      66  MEMBER  301 305 125                                                          2000
      67  MEMBER  501 502 105                                                          1600
      68  MEMBER  502 503 105                                                          1600
      69  MEMBER  503 505 105                                                          1600
      70  MEMBER  505 506 105                                                          1600
      71  MEMBER  501 504 105                                                          1600
      72  MEMBER  504 506 105                                                          1600
      73  MEMBER  502 504 105                                                          1075
      74  MEMBER  502 505 105                                                          1075
      75  MEMBER  504 505 105                                                          1075
      76  MEMBER  501 507 #08SK                                                        0000
      77  MEMBER  507 510 #08SK        1111                                            0000
      78  MEMBER  503 504 #08SK                                                        0000
      79  MEMBER  504 511 #08SK        1111                                            0000
      80  MEMBER  506 509 #08SK                                                        0000
      81  MEMBER  509 512 #08SK        1111                                            0000
      82  MEMBER  501 513 125SK                                                        1200
      83  MEMBER  503 514 125SK                                                        1200
      84  MEMBER  513 551 #08SK                                                        4000
      85  MEMBER  514 553 #08SK                                                        4000
      86  MEMBER  601 611 100SK                                                        1400
      87  MEMBER  603 613 100SK                                                        1400
      88  MEMBER  551 601 100SK                                                        1400
      89  MEMBER  553 603 100SK                                                        1400
      90  MEMBER  611 612 080SK                                                        1200
      91  MEMBER  612 613 080SK                                                        1200
      92  MEMBER  601 602 080SK                                                        2080
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

      93 MEMBER  602 603 08ASK                                          2680
      94 MEMBER  611 601 10ASK                                          3000
      95 MEMBER  612 602 10BSK                                          2000
      96 MEMBER  613 603 10CSK                                          3000
      97 MEMBER  501 622 200                                            2000
      98 MEMBER  622 703 200                                            3032
      99 MEMBER  503 625 200                                            2000
     100 MEMBER  625 705 200                                            3032
     101 MEMBER  506 624 200                                            2000
     102 MEMBER  624 701 200                                            3032
     103 MEMBER  701 702 137                                            2033
     104 MEMBER  702 703 137                                            2033
     105 MEMBER  703 705 137                                            2033
     106 MEMBER  705 706 137                                            2033
     107 MEMBER  701 704 137                                            2033
     108 MEMBER  704 706 137                                            2033
     109 MEMBER  702 704 107                                            1757
     110 MEMBER  702 705 107                                            1757
     111 MEMBER  704 705 107                                            1757
     112 MEMBER  701 707 ABNSK                                          0000
     113 MEMBER  707 710 ABNSK      1111                                0000
     114 MEMBER  705 708 ABNSK                                          0000
     115 MEMBER  708 711 ABNSK      1111                                0000
     116 MEMBER  706 709 ABNSK                                          0000
     117 MEMBER  709 712 ABNSK      1111                                0000
     118 MEMBER  701 806 200                                            3032
     119 MEMBER  703 801 200                                            3032
     120 MEMBER  706 803 200                                            3032
     121 MEMBER  801 802 148                                            2205
     122 MEMBER  802 803 148                                            2205
     123 MEMBER  803 805 148                                            2205
     124 MEMBER  805 806 148                                            2205
     125 MEMBER  801 804 148                                            2205
     126 MEMBER  804 806 148                                            2205
     127 MEMBER  802 804 108                                            1757
     128 MEMBER  802 805 108                                            1757
     129 MEMBER  804 805 108                                            1757
     130 MEMBER  801 807 ABNSK                                          0000
     131 MEMBER  807 810 ABNSK      1111                                0000
     132 MEMBER  805 808 ABNSK                                          0000
     133 MEMBER  808 811 ABNSK      1111                                0000
     134 MEMBER  806 809 ABNSK                                          0000
     135 MEMBER  809 812 ABNSK      1111                                0000
     136 MEMBER  801 903 200                                            3032
     137 MEMBER  803 906 200                                            3032
     138 MEMBER  806 901 200                                            3032
     139 MEMBER  901 902 169                                            2481
     140 MEMBER  902 905 169                                            2481
     141 MEMBER  905 905 169                                            2481
     142 MEMBER  905 906 169                                            2481
```

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     143  MEMBER  901 904 109                                                          2481
     144  MEMBER  904 906 109                                                          2481
     145  MEMBER  902 908 109                                                          1757
     146  MEMBER  902 905 109                                                          1757
     147  MEMBER  904 905 109                                                          1757
     148  MEMBER  901 907 ADDSK                                                        0000
     149  MEMBER  907 910 ADDSK       1111                                             0000
     150  MEMBER  903 908 ADDSK                                                        0000
     151  MEMBER  905 911 ADDSK       1111                                             0000
     152  MEMBER  906 909 ADDSK                                                        0000
     153  MEMBER  909 912 ADDSK       1111                                             0000
     154  MEMBER  9011002 100                                                          2757
     155  MEMBER  9031002 100                                                          2757
     156  MEMBER  9031005 100                                                          2757
     157  MEMBER  9051005 100                                                          2757
     158  MEMBER  9011004 100                                                          2757
     159  MEMBER  9061004 100                                                          2757
     160  MEMBER  10011002 200                                                         3032
     161  MEMBER  10021003 200                                                         3032
     162  MEMBER  10051005 200                                                         3032
     163  MEMBER  10051006 200                                                         3032
     164  MEMBER  10011004 200                                                         3032
     165  MEMBER  10041006 200                                                         3032
     166  MEMBER  10021004 140                                                         2205
     167  MEMBER  10021005 140                                                         2205
     168  MEMBER  10041005 140                                                         2205
     169  MEMBER  10011007 ADDSK                                                       0000
     170  MEMBER  10071010 ADDSK      1111                                             0000
     171  MEMBER  10031008 ADDSK                                                       0000
     172  MEMBER  10081011 ADDSK      1111                                             0000
     173  MEMBER  10061009 ADDSK                                                       0000
     174  MEMBER  10091012 ADDSK      1111                                             0000
     175  MEMBER  101 201 DAL                                                          3000
     176  MEMBER  103 203 DAL                                                          3000
     177  MEMBER  105 206 DAL                                                          3000
     178  MEMBER  201 301 DAL                                                          3000
     179  MEMBER  203 303 DAL                                                          3000
     180  MEMBER  206 306 DAL                                                          3000
     181  MEMBER  301 401 DAL                                                          3000
     182  MEMBER  303 403 DAL                                                          3000
     183  MEMBER  306 406 DAL                                                          3000
     184  MEMBER  401 501 JL4                                                  F       4800
     185  MEMBER  403 503 JL4                                                  F       4800
     186  MEMBER  406 506 JL4                                                  F       4800
     187  MEMBER  501 601 JL5                                                  F       4750
     188  MEMBER  503 603 JL5                                                  F       4750
     189  MEMBER  506 606 JL5                                                  F       4750
     190  MEMBER  601 621 JL6                                                  F       4750
     191  MEMBER  603 623 JL6                                                  F       4750
     192  MEMBER  606 626 JL6                                                  F       4750
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

     193 MEMBER  621 651 JL6                                          F  6823
     194 MEMBER  623 653 JL6                                          F  6823
     195 MEMBER  625 655 JL6                                          F  6823
     196 MEMBER  651 701 JL6                                          F  6823
     197 MEMBER  653 703 JL6                                          F  6823
     198 MEMBER  655 705 JL6                                          F  6823
     199 MEMBER  701 801 JL7                                          F  6547
     200 MEMBER  703 803 JL7                                          F  6547
     201 MEMBER  705 805 JL7                                          F  6547
     202 MEMBER  801 901 JL8                                          F  6547
     203 MEMBER  803 903 JL8                                          F  6547
     204 MEMBER  805 905 JL8                                          F  6547
     205 MEMBER  901 1001 JL9                                         F  6547
     206 MEMBER  903 1003 JL9                                         F  6547
     207 MEMBER  905 1005 JL9                                         F  6547
     208 MEMBER  401 510  P1                                          F  0000 1
     209 MEMBER  403 511  P1                                          F  0000 2
     210 MEMBER  406 512  P1                                          F  0000 3
     211 MEMBER  510 710  P1                                          F  0000 1
     212 MEMBER  511 711  P1                                          F  0000 2
     213 MEMBER  512 712  P1                                          F  0000 3
     214 MEMBER  710 810  P2                                          F  0000 1
     215 MEMBER  711 811  P2                                          F  0000 2
     216 MEMBER  712 812  P2                                          F  0000 3
     217 MEMBER  810 910  P2                                          F  0000 1
     218 MEMBER  811 911  P2                                          F  0000 2
     219 MEMBER  812 912  P2                                          F  0000 3
     220 MEMBER 1010 910  P3                                          F  0000 1
     221 MEMBER 1011 911  P3                                          F  0000 2
     222 MEMBER 1012 912  P3                                          F  0000 3
     223 PUSH0
     224 CYNG      5  .05        .05        .005
     225 PILE   1010  200.0
     226 PROP         42.0       42.0       2.37      20.0
     227 PROP         42.0       42.0       1.75      70.0
     228 PROP         42.0       42.0       1.50     200.0
     229 PY        2  0.0
     230 PURGE        0.0         0.0
     231 DEPL         0.0        20.0
     232 PY        8  8.0
     233 PURGE        0.0         0.107      0.129     0.153     0.169     0.188
     234 PURGE        0.237       0.237
     235 DEPL         0.0         0.050      0.120     0.270     0.430     0.700
     236 DEPL         1.580      20.000
     237 PY        8  14.0
     238 PURGE        0.0         0.366      0.611     0.906     1.136     1.440
     239 PURGE        2.274       2.274
     240 DEPL         0.0         0.036      0.110     0.260     0.420     0.700
     241 DEPL         1.580      20.000
     242 PY        8  24.0
```

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

     243  FORCE          0.0       1.244     1.681     2.347     2.895     3.644
     244  FORCE          5.631     5.831
     245  DEPL           0.0       0.070     0.140     0.280     0.430     0.700
     246  DEPL           1.580     20.000
     247  PY         8   34.0
     248  FORCE          0.0       5.021     5.693     6.742     7.659     8.950
     249  FORCE          11.120    11.120
     250  DEPL           0.0       0.120     0.190     0.320     0.460     0.700
     251  DEPL           1.580     20.000
     252  PY         8   46.0
     253  FORCE          0.0       7.034     8.468     9.913     11.273    13.280
     254  FORCE          21.248    21.248
     255  DEPL           0.0       0.220     0.270     0.380     0.500     0.700
     256  DEPL           1.580     20.000
     257  PY         8   68.0
     258  FORCE          0.0       10.718    11.997    14.043    15.970    18.814
     259  FORCE          30.102    30.102
     260  DEPL           0.0       0.220     0.270     0.380     0.500     0.700
     261  DEPL           1.580     20.000
     262  PY         8   102.0
     263  FORCE          0.0       16.223    17.995    21.064    23.954    28.221
     264  FORCE          45.153    45.153
     265  DEPL           0.0       0.220     0.270     0.380     0.500     0.700
     266  DEPL           1.580     20.000
     267  PY         7   102.1
     268  FORCE          0.0       0.967     1.515     1.718     2.418     3.281
     269  FORCE          5.281     0.
     270  DEPL           0.0       0.075     0.190     0.47      1.180     2.940
     271  DEPL           20.000
     272  PY         7   150.0
     273  FORCE          0.0       0.967     1.513     1.718     2.418     3.281
     274  FORCE          5.281
     275  DEPL           0.0       0.075     0.190     0.47      1.180     2.940
     276  DEPL           20.000
     277  PILE   1011    200.0
     278  PILE   1012    200.0
     279  JOINT
     280  JOINT  101     14.50   -8.37 180.00                          TOP DECK
     281  JOINT  102     0.0     -8.37 180.00                          TOP DECK
     282  JOINT  103    -14.50   -8.37 180.00                          TOP DECK
     283  JOINT  104      7.25    4.18 180.00                          TOP DECK
     284  JOINT  105     -7.25    4.18 180.00                          TOP DECK
     285  JOINT  106      0.0    10.74 180.00                          TOP DECK
     286  JOINT  201     14.50   -8.37 165.00                          BOTTOM DECK
     287  JOINT  202      0.0    -8.37 165.00                          BOTTOM DECK
     288  JOINT  203    -14.50   -8.37 165.00                          BOTTOM DECK
     289  JOINT  204      7.25    4.18 165.00                          BOTTOM DECK
     290  JOINT  205     -7.25    4.18 165.00                          BOTTOM DECK
     291  JOINT  206      0.0    10.74 165.00                          BOTTOM DECK
     292  JOINT  301     14.50   -8.37 150.00                          BR BRACE
```

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     293 JOINT  303  -14.50   -8.37  150.00                                  DK BRACE
     294 JOINT  306    0.0    16.74  150.00                                  DK BRACE
     295 JOINT  401   14.50   -8.37  121.50                                  MP LEVEL
     296 JOINT  403  -14.50   -8.37  121.50                                  MP LEVEL
     297 JOINT  406    0.0    16.74  121.50                                  MP LEVEL
     298 JOINT  501   15.15   -8.75  117.00                                  5 LEVEL
     299 JOINT  502    0.0    -8.75  117.00                                  5 LEVEL
     300 JOINT  503  -15.15   -8.75  117.00                                  5 LEVEL
     301 JOINT  504    7.58    4.37  117.00                                  5 LEVEL
     302 JOINT  505   -7.58    4.37  117.00                                  5 LEVEL
     303 JOINT  506    0.0    17.49  117.00                                  5 LEVEL
     304 JOINT  507   17.32  -10.00  117.41                                  5 LEVEL
     305 JOINT  508  -17.32  -10.00  117.41                                  5 LEVEL
     306 JOINT  509    0.0    19.99  117.41                                  5 LEVEL
     307 JOINT  510   15.15   -8.75  116.99                                  5 LEVEL
     308 JOINT  511  -15.15   -8.75  116.99                                  5 LEVEL
     309 JOINT  512    0.0    17.49  116.99                                  5 LEVEL
     310 JOINT  513   17.74  -10.25  117.00                                  5 LEVEL
     311 JOINT  514  -17.74  -10.25  117.00                                  5 LEVEL
     312 JOINT  515    0.0    20.49  117.00                                  5 LEVEL
     313 JOINT  601   16.01   -9.25  111.00                                  BOAT LOG
     314 JOINT  603  -16.01   -9.25  111.00                                  BOAT LOG
     315 JOINT  606    0.0    18.50  111.00                                  BOAT LOG
     316 JOINT  611   16.01  -15.25  111.00                                  BOAT LOG
     317 JOINT  612    0.0   -15.25  111.00                                  BOAT LOG
     318 JOINT  613  -16.01  -15.25  111.00                                  BOAT LOG
     319 JOINT  621   16.88   -9.75  105.00                                  MLW
     320 JOINT  622   -1.33   -9.75  105.00                                  MLW
     321 JOINT  623  -16.88   -9.75  105.00                                  MLW
     322 JOINT  624    9.00    3.90  105.00                                  MLW
     323 JOINT  625   -7.67    5.85  105.00                                  MLW
     324 JOINT  626    0.00   19.49  105.00                                  MLW
     325 JOINT  651   17.74  -10.25   99.00                                  BOAT LOG
     326 JOINT  653  -17.74  -10.25   99.00                                  BOAT LOG
     327 JOINT  656    0.0    20.49   99.00                                  BOAT LOG
     328 JOINT  661   17.74  -15.25   9900                                   BOAT LOG
     329 JOINT  662    0.0   -15.25   9900                                   BOAT LOG
     330 JOINT  663  -17.74  -15.25   9900                                   BOAT LOG
     331 JOINT  701   18.70  -10.83   92.00                                  7 LEVEL
     332 JOINT  702    0.0   -10.83   92.00                                  7 LEVEL
     333 JOINT  703  -18.70  -10.83   92.00                                  7 LEVEL
     334 JOINT  704    9.36    5.41   92.00                                  7 LEVEL
     335 JOINT  705   -9.36    5.41   92.00                                  7 LEVEL
     336 JOINT  706    0.0    21.66   92.00                                  7 LEVEL
     337 JOINT  707   20.93  -12.08   92.41                                  7 LEVEL
     338 JOINT  708  -20.93  -12.08   92.41                                  7 LEVEL
     339 JOINT  709    0.0    24.16   92.41                                  7 LEVEL
     340 JOINT  710   18.76  -10.83   91.99                                  7 LEVEL
     341 JOINT  711  -18.76  -10.83   91.99                                  7 LEVEL
     342 JOINT  712    0.0    21.66   91.99                                  7 LEVEL
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    343 JOINT  801   22.79 -15.16  64.00                                  8 LEVEL
    344 JOINT  802    0.0  -15.16  64.00                                  8 LEVEL
    345 JOINT  803  -22.79 -15.16  64.00                                  8 LEVEL
    346 JOINT  804   11.40   6.58  64.00                                  8 LEVEL
    347 JOINT  805  -11.40   6.58  64.00                                  8 LEVEL
    348 JOINT  809    0.0   26.32  64.00                                  8 LEVEL
    349 JOINT  807   24.96 -14.41  64.41                                  8 LEVEL
    350 JOINT  808  -24.96 -14.41  64.41                                  8 LEVEL
    351 JOINT  809    0.0   28.82  64.41                                  8 LEVEL
    352 JOINT  810   22.79 -15.16  63.99                                  8 LEVEL
    353 JOINT  811  -22.79 -15.16  63.99                                  8 LEVEL
    354 JOINT  812    0.0   26.32  63.99                                  8 LEVEL
    355 JOINT  901   27.42 -15.83  32.00                                  9 LEVEL
    356 JOINT  902    0.0  -15.83  32.00                                  9 LEVEL
    357 JOINT  903  -27.42 -15.83  32.00                                  9 LEVEL
    358 JOINT  904   13.71   7.91  32.00                                  9 LEVEL
    359 JOINT  905  -13.71   7.91  32.00                                  9 LEVEL
    360 JOINT  906    0.0   31.66  32.00                                  9 LEVEL
    361 JOINT  907   29.59 -17.08  32.41                                  9 LEVEL
    362 JOINT  908  -29.59 -17.08  32.41                                  9 LEVEL
    363 JOINT  909    0.0   34.16  32.41                                  9 LEVEL
    364 JOINT  910   27.42 -15.83  31.99                                  9 LEVEL
    365 JOINT  911  -27.42 -15.83  31.99                                  9 LEVEL
    366 JOINT  912    0.0   31.66  31.99                                  9 LEVEL
    367 JOINT 1001   32.04 -18.50   0.0                                   MUDLINE
    368 JOINT 1002    0.0  -18.50   0.0                                   MUDLINE
    369 JOINT 1003  -32.04 -18.50   0.0                                   MUDLINE
    370 JOINT 1004   16.02   9.25   0.0                                   MUDLINE
    371 JOINT 1005  -16.02   9.25   0.0                                   MUDLINE
    372 JOINT 1006    0.0   37.00   0.0                                   MUDLINE
    373 JOINT 1007   34.21 -19.75   0.41                                  MUDLINE
    374 JOINT 1008  -34.21 -19.75   0.41                                  MUDLINE
    375 JOINT 1009    0.0   39.50   0.41                                  MUDLINE
    376 JOINT 1010   32.04 -18.50  -0.01                 111111           MUDLINE
    377 JOINT 1010                                      NONLIN           MUDLINE
    378 JOINT 1010                          1010   910 UBL100            MUDLINE
    379 JOINT 1011  -32.04 -18.50  -0.01                 111111           MUDLINE
    380 JOINT 1011                                      NONLIN           MUDLINE
    381 JOINT 1011                          1011   911 UBL100            MUDLINE
    382 JOINT 1012    0.0   37.00  -0.01                 111111           MUDLINE
    383 JOINT 1012                                      NONLIN           MUDLINE
    384 JOINT 1012                          1012   912 UBL100            MUDLINE
    385 LOAD
    386 LOADCN   1
    387 LOAD A  510 710    7.59     135                          GLOB CONC     WN 0 1
    388 LOAD Y  510 710                                7.59 106399 GLOB MOMT     WN 0 1
    389 LOAD Y  510 710    7.59     234                          GLOB CONC     WN 0 1
    390 LOAD A  510 710                                7.59-184286 GLOB MOMT     WN 0 1
    391 LOAD A  511 711    7.59     135                          GLOB CONC     WN 0 1
    392 LOAD Y  511 711                                7.59 106399 GLOB MOMT     WN 0 1
```

| LINE NO. | | |

| LINE NO. | | |

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8				
1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																			
493	LOAD	A	503	613	0.00	26	6.00	26			GLOB	UNIF			WV	0	1		
494	LOAD	Z	503	613	0.00-	06	6.00-	06			GLOB	UNIF			WV	0	1		
495	LOAD	A	651	601	0.00	22	5.00	22			GLOB	UNIF			WV	0	1		
496	LOAD	Z	651	601	0.00-	04	5.00-	05			GLOB	UNIF			WV	0	1		
497	LOAD	A	653	603	0.00	21	5.00	21			GLOB	UNIF			WV	0	1		
498	LOAD	Z	653	603	0.00-	05	5.00-	05			GLOB	UNIF			WV	0	1		
499	LOAD	Y	611	612	0.00	39	16.01	39			GLOB	UNIF			WV	0	1		
500	LOAD	Z	611	612	0.00-	04	16.01-	04			GLOB	UNIF			WV	0	1		
501	LOAD	Y	612	613	0.00	34	16.01	36			GLOB	UNIF			WV	0	1		
502	LOAD	Z	612	613	0.00-	04	16.01-	05			GLOB	UNIF			WV	0	1		
503	LOAD	Y	601	602	0.00	71	17.74	72			GLOB	UNIF			WV	0	1		
504	LOAD	Z	601	602	0.00-	04	17.74-	04			GLOB	UNIF			WV	0	1		
505	LOAD	Y	602	603	0.00	72	17.74	70			GLOB	UNIF			WV	0	1		
506	LOAD	Z	602	603	0.00-	04	17.74-	05			GLOB	UNIF			WV	0	1		
507	LOAD	A	611	601	0.00	54	6.06	49			GLOB	UNIF			WV	0	1		
508	LOAD	Y	611	601	0.00	102	6.06	92			GLOB	UNIF			WV	0	1		
509	LOAD	Z	611	601	0.00	08	6.06	07			GLOB	UNIF			WV	0	1		
510	LOAD	A	611	601	6.06	49	6.06	44			GLOB	UNIF			WV	0	1		
511	LOAD	Y	611	601	6.06	92	6.06	83			GLOB	UNIF			WV	0	1		
512	LOAD	Z	611	601	6.06	07	6.06	06			GLOB	UNIF			WV	0	1		
513	LOAD	A	612	602	0.00	38	6.00	34			GLOB	UNIF			WV	0	1		
514	LOAD	Y	612	602	0.00	66	6.00	60			GLOB	UNIF			WV	0	1		
515	LOAD	A	612	602	6.00	34	6.00	31			GLOB	UNIF			WV	0	1		
516	LOAD	Y	612	602	6.00	60	6.00	54			GLOB	UNIF			WV	0	1		
517	LOAD	A	613	603	0.00	57	6.06	52			GLOB	UNIF			WV	0	1		
518	LOAD	Y	613	603	0.00	94	6.06	85			GLOB	UNIF			WV	0	1		
519	LOAD	Z	613	603	0.00-	08	6.06-	07			GLOB	UNIF			WV	0	1		
520	LOAD	A	613	603	6.06	52	6.06	47			GLOB	UNIF			WV	0	1		
521	LOAD	Y	613	603	6.06	85	6.06	76			GLOB	UNIF			WV	0	1		
522	LOAD	Z	613	603	6.06-	07	6.06-	07			GLOB	UNIF			WV	0	1		
523	LOAD	A	501	622	0.00	17	10.21	16			GLOB	UNIF			WV	0	1		
524	LOAD	Y	501	622	0.00	73	10.21	65			GLOB	UNIF			WV	0	1		
525	LOAD	Z	501	622	0.00-	30	10.21-	27			GLOB	UNIF			WV	0	1		
526	LOAD	A	501	622	10.21	16	10.21	15			GLOB	UNIF			WV	0	1		
527	LOAD	Y	501	622	10.21	65	10.21	59			GLOB	UNIF			WV	0	1		
528	LOAD	Z	501	622	10.21-	27	10.21-	25			GLOB	UNIF			WV	0	1		
529	LOAD	A	622	703	0.00	20	10.89	19			GLOB	UNIF			WV	0	1		
530	LOAD	Y	622	703	0.00	88	10.89	79			GLOB	UNIF			WV	0	1		
531	LOAD	Z	622	703	0.00-	35	10.89-	32			GLOB	UNIF			WV	0	1		
532	LOAD	A	622	703	10.89	19	10.89	17			GLOB	UNIF			WV	0	1		
533	LOAD	Y	622	703	10.89	79	10.89	70			GLOB	UNIF			WV	0	1		
534	LOAD	Z	622	703	10.89-	32	10.89-	28			GLOB	UNIF			WV	0	1		
535	LOAD	A	503	625	0.00	15	6.75	14			GLOB	UNIF			WV	0	1		
536	LOAD	Y	503	625	0.00	19	6.75	18			GLOB	UNIF			WV	0	1		
537	LOAD	Z	503	625	0.00	32	6.75	30			GLOB	UNIF			WV	0	1		
538	LOAD	A	503	625	6.75	14	6.75	13			GLOB	UNIF			WV	0	1		
539	LOAD	Y	503	625	6.75	18	6.75	17			GLOB	UNIF			WV	0	1		
540	LOAD	Z	503	625	6.75	30	6.75	28			GLOB	UNIF			WV	0	1		
541	LOAD	A	503	625	13.50	13	6.75	13			GLOB	UNIF			WV	0	1		
542	LOAD	Y	503	625	13.50	17	6.75	16			GLOB	UNIF			WV	0	1		

LINE NO.																	
343	LOAD	Z	503	625	15.50	28	6.75	27				GLOB	UNIF		WY	0	1
344	LOAD	X	625	706	0.00	20	7.31	19				GLOB	UNIF		WY	0	1
345	LOAD	Y	625	706	0.00	26	7.31	24				GLOB	UNIF		WY	0	1
346	LOAD	Z	625	706	0.00	44	7.31	41				GLOB	UNIF		WY	0	1
347	LOAD	X	625	706	7.31	19	7.31	17				GLOB	UNIF		WY	0	1
348	LOAD	Y	625	706	7.31	24	7.31	23				GLOB	UNIF		WY	0	1
349	LOAD	Z	625	706	7.31	41	7.31	38				GLOB	UNIF		WY	0	1
350	LOAD	X	625	706	14.62	17	7.31	16				GLOB	UNIF		WY	0	1
351	LOAD	Y	625	706	14.62	23	7.31	21				GLOB	UNIF		WY	0	1
352	LOAD	Z	625	706	14.62	38	7.31	36				GLOB	UNIF		WY	0	1
353	LOAD	X	506	624	0.00	53	10.12	48				GLOB	UNIF		WY	0	1
354	LOAD	Y	506	624	0.00	54	10.12	50				GLOB	UNIF		WY	0	1
355	LOAD	Z	506	624	0.00-	22	10.12-	21				GLOB	UNIF		WY	0	1
356	LOAD	X	506	624	10.12	46	10.12	44				GLOB	UNIF		WY	0	1
357	LOAD	Y	506	624	10.12	50	10.12	47				GLOB	UNIF		WY	0	1
358	LOAD	Z	506	624	10.12-	21	10.12-	20				GLOB	UNIF		WY	0	1
359	LOAD	X	624	701	0.00	66	10.97	60				GLOB	UNIF		WY	0	1
360	LOAD	Y	624	701	0.00	66	10.97	62				GLOB	UNIF		WY	0	1
361	LOAD	Z	624	701	0.00-	27	10.97-	25				GLOB	UNIF		WY	0	1
362	LOAD	X	624	701	10.97	60	10.97	54				GLOB	UNIF		WY	0	1
363	LOAD	Y	624	701	10.97	62	10.97	56				GLOB	UNIF		WY	0	1
364	LOAD	Z	624	701	10.97-	25	10.97-	23				GLOB	UNIF		WY	0	1
365	LOAD	Y	701	702	0.00	48	18.76	44				GLOB	UNIF		WY	0	1
366	LOAD	Z	701	702	0.00-	02	18.76-	03				GLOB	UNIF		WY	0	1
367	LOAD	Y	702	703	0.00	44	18.76	40				GLOB	UNIF		WY	0	1
368	LOAD	Z	702	703	0.00-	03	18.76-	03				GLOB	UNIF		WY	0	1
369	LOAD	Z	703	705	0.00-	03	9.38-	03				GLOB	UNIF		WY	0	1
370	LOAD	Z	703	705	9.38-	03	9.38-	02				GLOB	UNIF		WY	0	1
371	LOAD	Z	705	706	0.00-	02	6.25-	02				GLOB	UNIF		WY	0	1
372	LOAD	Z	705	706	6.25-	02	6.25-	1				GLOB	UNIF		WY	0	1
373	LOAD	Z	705	706	12.51-	1	6.25					GLOB	UNIF		WY	0	1
374	LOAD	X	701	704	0.00	42	18.75	41				GLOB	UNIF		WY	0	1
375	LOAD	Y	701	704	0.00	24	18.75	23				GLOB	UNIF		WY	0	1
376	LOAD	Z	701	704	0.00-	02	18.75-	1				GLOB	UNIF		WY	0	1
377	LOAD	X	704	706	0.00	41	18.76	39				GLOB	UNIF		WY	0	1
378	LOAD	Y	704	706	0.00	23	18.76	22				GLOB	UNIF		WY	0	1
379	LOAD	Z	704	706	0.00-	1	18.76					GLOB	UNIF		WY	0	1
380	LOAD	Z	702	704	0.00-	02	6.25-	1				GLOB	UNIF		WY	0	1
381	LOAD	Z	702	704	6.25-	1	6.25-	1				GLOB	UNIF		WY	0	1
382	LOAD	Z	702	704	12.50-	1	6.25-	1				GLOB	UNIF		WY	0	1
383	LOAD	X	702	705	0.00	36	18.75	36				GLOB	UNIF		WY	0	1
384	LOAD	Y	702	705	0.00	21	18.75	21				GLOB	UNIF		WY	0	1
385	LOAD	Z	702	705	0.00-	02	18.75-	1				GLOB	UNIF		WY	0	1
386	LOAD	Y	704	705	0.00	40	18.76	42				GLOB	UNIF		WY	0	1
387	LOAD	Z	704	705	0.00-	1	18.76-	1				GLOB	UNIF		WY	0	1
388	LOAD	X	701	605	0.00	59	18.72	51				GLOB	UNIF		WY	0	1
389	LOAD	Y	701	605	0.00	41	18.72	36				GLOB	UNIF		WY	0	1
390	LOAD	Z	701	605	0.00	16	18.72	14				GLOB	UNIF		WY	0	1
391	LOAD	X	701	605	18.72	51	18.72	43				GLOB	UNIF		WY	0	1
392	LOAD	Y	701	605	18.72	36	18.72	31				GLOB	UNIF		WY	0	1

LINE NO.																	
593	LOAD	Z	701	806	16.72	14	16.72	13				GLOB	UNIF		WV	0	1
594	LOAD	A	701	805	33.44	43	16.72	38				GLOB	UNIF		WV	0	1
595	LOAD	Y	701	806	33.44	31	16.72	28				GLOB	UNIF		WV	0	1
596	LOAD	Z	701	805	33.44	13	16.72	11				GLOB	UNIF		WV	0	1
597	LOAD	A	703	801	0.00	11	16.72	10				GLOB	UNIF		WV	0	1
598	LOAD	Y	703	801	0.00	74	16.72	65				GLOB	UNIF		WV	0	1
599	LOAD	Z	703	801	0.00	10	16.72	09				GLOB	UNIF		WV	0	1
600	LOAD	A	703	801	16.72	0	16.72	04				GLOB	UNIF		WV	0	1
601	LOAD	Y	703	801	16.72	65	16.72	57				GLOB	UNIF		WV	0	1
602	LOAD	Z	703	801	16.72	09	16.72	09				GLOB	UNIF		WV	0	1
603	LOAD	A	703	801	33.44	09	16.72	08				GLOB	UNIF		WV	0	1
604	LOAD	Y	703	801	33.44	57	16.72	51				GLOB	UNIF		WV	0	1
605	LOAD	Z	703	801	33.44	09	16.72	08				GLOB	UNIF		WV	0	1
606	LOAD	A	706	803	0.00	11	16.72	11				GLOB	UNIF		WV	0	1
607	LOAD	Y	706	803	0.00	25	16.72	24				GLOB	UNIF		WV	0	1
608	LOAD	Z	706	803	0.00-	40	16.72-	39				GLOB	UNIF		WV	0	1
609	LOAD	A	706	803	16.72	11	16.72	10				GLOB	UNIF		WV	0	1
610	LOAD	Y	706	803	16.72	24	16.72	22				GLOB	UNIF		WV	0	1
611	LOAD	Z	706	803	16.72-	39	16.72-	35				GLOB	UNIF		WV	0	1
612	LOAD	A	706	805	33.44	10	16.72	08				GLOB	UNIF		WV	0	1
613	LOAD	Y	706	805	33.44	22	16.72	18				GLOB	UNIF		WV	0	1
614	LOAD	Z	706	805	33.44-	35	16.72-	30				GLOB	UNIF		WV	0	1
615	LOAD	Y	801	802	0.00	36	22.79	36				GLOB	UNIF		WV	0	1
616	LOAD	Z	801	802	0.00-	02	22.79-	02				GLOB	UNIF		WV	0	1
617	LOAD	Y	802	803	0.00	36	22.79	35				GLOB	UNIF		WV	0	1
618	LOAD	Z	802	803	0.00-	02	22.79-	03				GLOB	UNIF		WV	0	1
619	LOAD	Z	803	805	0.00-	03	22.79-	02				GLOB	UNIF		WV	0	1
620	LOAD	Z	805	806	0.00-	02	11.40-	02				GLOB	UNIF		WV	0	1
621	LOAD	Z	805	806	11.40-	02	11.40-	1				GLOB	UNIF		WV	0	1
622	LOAD	A	801	804	0.00	31	22.79	30				GLOB	UNIF		WV	0	1
623	LOAD	Y	801	804	0.00	18	22.79	17				GLOB	UNIF		WV	0	1
624	LOAD	Z	801	804	0.00-	02	22.79-	02				GLOB	UNIF		WV	0	1
625	LOAD	A	804	805	0.00	30	22.80	29				GLOB	UNIF		WV	0	1
626	LOAD	Y	804	806	0.00	17	22.80	17				GLOB	UNIF		WV	0	1
627	LOAD	Z	804	805	0.00-	02	22.80-	1				GLOB	UNIF		WV	0	1
628	LOAD	Z	802	804	0.00-	1	7.60-	1				GLOB	UNIF		WV	0	1
629	LOAD	Z	802	804	7.60-	1	7.60-	1				GLOB	UNIF		WV	0	1
630	LOAD	Z	802	804	15.20-	1	7.60-	1				GLOB	UNIF		WV	0	1
631	LOAD	A	802	805	0.00	25	22.80	24				GLOB	UNIF		WV	0	1
632	LOAD	Y	802	805	0.00	14	22.80	14				GLOB	UNIF		WV	0	1
633	LOAD	Z	802	805	0.00-	1	22.80-	1				GLOB	UNIF		WV	0	1
634	LOAD	Y	804	805	0.00	27	22.80	26				GLOB	UNIF		WV	0	1
635	LOAD	Z	804	805	0.00-	1	22.80-	1				GLOB	UNIF		WV	0	1
636	LOAD	A	801	903	0.00	09	19.87	08				GLOB	UNIF		WV	0	-1
637	LOAD	Y	801	903	0.00	49	19.87	43				GLOB	UNIF		WV	0	1
638	LOAD	Z	801	903	0.00-	18	19.87-	16				GLOB	UNIF		WV	0	1
639	LOAD	A	801	903	19.87	08	19.87	07				GLOB	UNIF		WV	0	1
640	LOAD	Y	801	903	19.87	43	19.87	37				GLOB	UNIF		WV	0	1
641	LOAD	Z	801	903	19.87-	16	19.87-	14				GLOB	UNIF		WV	0	1
642	LOAD	A	801	903	39.75	07	19.87	06				GLOB	UNIF		WV	0	1

```
                                1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    043  LOAD Y  001 003   39.73     37  19.87     32                   GLOB UNIF     WV 0 1
    044  LOAD Z  001 003   39.73-    14  19.87-    12                   GLOB UNIF     WV 0 1
    045  LOAD X  003 006    0.00     08  19.87     08                   GLOB UNIF     WV 0 1
    046  LOAD Y  003 006    0.00     10  19.87     10                   GLOB UNIF     WV 0 1
    047  LOAD Z  003 006    0.00     20  19.87     19                   GLOB UNIF     WV 0 1
    048  LOAD X  003 006   19.87     08  19.87     07                   GLOB UNIF     WV 0 1
    049  LOAD Y  003 006   19.87     10  19.87     09                   GLOB UNIF     WV 0 1
    050  LOAD Z  003 006   19.87     19  19.87     18                   GLOB UNIF     WV 0 1
    051  LOAD X  003 006   39.73     07  19.87     06                   GLOB UNIF     WV 0 1
    052  LOAD Y  003 006   39.73     09  19.87     08                   GLOB UNIF     WV 0 1
    053  LOAD Z  003 006   39.73     18  19.87     18                   GLOB UNIF     WV 0 1
    054  LOAD X  006 001    0.00     36  19.87     33                   GLOB UNIF     WV 0 1
    055  LOAD Y  006 001    0.00     34  19.87     31                   GLOB UNIF     WV 0 1
    056  LOAD Z  006 001    0.00-    14  19.87-    13                   GLOB UNIF     WV 0 1
    057  LOAD X  006 001   19.87     33  19.87     30                   GLOB UNIF     WV 0 1
    058  LOAD Y  006 001   19.87     31  19.87     28                   GLOB UNIF     WV 0 1
    059  LOAD Z  006 001   19.87-    13  19.87-    12                   GLOB UNIF     WV 0 1
    060  LOAD X  006 001   39.74     30  19.87     27                   GLOB UNIF     WV 0 1
    061  LOAD Y  006 001   39.74     28  19.87     25                   GLOB UNIF     WV 0 1
    062  LOAD Z  006 001   39.74-    12  19.87-    10                   GLOB UNIF     WV 0 1
    063  LOAD Y  001 002    0.00     24  27.42     20                   GLOB UNIF     WV 0 1
    064  LOAD Z  001 002    0.00-    02  27.42-    02                   GLOB UNIF     WV 0 1
    065  LOAD Y  002 003    0.00     28  27.42     27                   GLOB UNIF     WV 0 1
    066  LOAD Z  002 003    0.00-    02  27.42-    02                   GLOB UNIF     WV 0 1
    067  LOAD Z  003 005    0.00-    02  27.41-    02                   GLOB UNIF     WV 0 1
    068  LOAD Z  005 006    0.00-    02  27.42-     1                   GLOB UNIF     WV 0 1
    069  LOAD X  001 004    0.00     25  27.41     24                   GLOB UNIF     WV 0 1
    070  LOAD Y  001 004    0.00     14  27.41     14                   GLOB UNIF     WV 0 1
    071  LOAD Z  001 004    0.00-    02  27.41-     1                   GLOB UNIF     WV 0 1
    072  LOAD X  004 005    0.00     24  27.42     23                   GLOB UNIF     WV 0 1
    073  LOAD Y  004 006    0.00     14  27.42     13                   GLOB UNIF     WV 0 1
    074  LOAD Z  004 006    0.00-     1  27.42-     1                   GLOB UNIF     WV 0 1
    075  LOAD Z  002 004    0.00-     1  27.41                          GLOB UNIF     WV 0 1
    076  LOAD X  002 005    0.00     17  27.41     17                   GLOB UNIF     WV 0 1
    077  LOAD Y  002 005    0.00     10  27.41     10                   GLOB UNIF     WV 0 1
    078  LOAD Z  002 005    0.00-     1  27.41                          GLOB UNIF     WV 0 1
    079  LOAD Y  004 005    0.00     19  27.42     20                   GLOB UNIF     WV 0 1
    080  LOAD X  9011002    0.00     10  14.08     09                   GLOB UNIF     WV 0 1
    081  LOAD Y  9011002    0.00     31  14.08     28                   GLOB UNIF     WV 0 1
    082  LOAD Z  9011002    0.00-    11  14.08-    10                   GLOB UNIF     WV 0 1
    083  LOAD X  9011002   14.08     09  14.08     08                   GLOB UNIF     WV 0 1
    084  LOAD Y  9011002   14.08     28  14.08     26                   GLOB UNIF     WV 0 1
    085  LOAD Z  9011002   14.08-    10  14.08-    09                   GLOB UNIF     WV 0 1
    086  LOAD X  9011002   28.15     08  14.08     07                   GLOB UNIF     WV 0 1
    087  LOAD Y  9011002   28.15     26  14.08     25                   GLOB UNIF     WV 0 1
    088  LOAD Z  9011002   28.15-    09  14.08-    08                   GLOB UNIF     WV 0 1
    089  LOAD X  9031002    0.00     10  14.08     10                   GLOB UNIF     WV 0 1
    090  LOAD Y  9031002    0.00     31  14.08     29                   GLOB UNIF     WV 0 1
    091  LOAD Z  9031002    0.00     08  14.08     08                   GLOB UNIF     WV 0 1
    092  LOAD X  9031002   14.08     10  14.08     09                   GLOB UNIF     WV 0 1
```

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
                  1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
```

| | | |

LINE NO.			1 1	2 2	3	4 4	5 5	6 6	7 7	8
			1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0							
143	LOAD	X	203 303	8.08	45	2.31	56	GLOB UNIF	WY	0 1
144	LOAD	Y	203 303	8.08	76	2.31	100	GLOB UNIF	WY	0 1
145	LOAD	X	203 303	10.39	58	2.31	70	GLOB UNIF	WY	0 1
146	LOAD	Y	203 303	10.39	100	2.31	122	GLOB UNIF	WY	0 1
147	LOAD	X	203 303	12.69	70	2.31	83	GLOB UNIF	WY	0 1
148	LOAD	Y	203 303	12.69	122	2.31	144	GLOB UNIF	WY	0 1
149	LOAD	X	206 306	14.43	57	.57	61	GLOB UNIF	WY	0 1
150	LOAD	Y	206 306	14.43	94	.57	100	GLOB UNIF	WY	0 1
151	LOAD	X	301 401	0.00	81	14.25	105	GLOB UNIF	WY	0 1
152	LOAD	Y	301 401	0.00	141	14.25	186	GLOB UNIF	WY	0 1
153	LOAD	X	301 401	14.25	105	14.25	75	GLOB UNIF	WY	0 1
154	LOAD	Y	301 401	14.25	182	14.25	127	GLOB UNIF	WY	0 1
155	LOAD	X	303 403	0.00	85	14.25	105	GLOB UNIF	WY	0 1
156	LOAD	Y	303 403	0.00	144	14.25	191	GLOB UNIF	WY	0 1
157	LOAD	X	303 403	14.25	105	14.25	71	GLOB UNIF	WY	0 1
158	LOAD	Y	303 403	14.25	181	14.25	122	GLOB UNIF	WY	0 1
159	LOAD	X	306 406	0.00	61	14.25	98	GLOB UNIF	WY	0 1
160	LOAD	Y	306 406	0.00	106	14.25	170	GLOB UNIF	WY	0 1
161	LOAD	X	306 406	14.25	98	14.25	72	GLOB UNIF	WY	0 1
162	LOAD	Y	306 406	14.25	170	14.25	125	GLOB UNIF	WY	0 1
163	LOAD	X	401 501	0.00	113	4.56	101	GLOB UNIF	WY	0 1
164	LOAD	Y	401 501	0.00	218	4.56	197	GLOB UNIF	WY	0 1
165	LOAD	Z	401 501	0.00-	02	4.56-	02	GLOB UNIF	WY	0 1
166	LOAD	X	403 503	0.00	120	4.56	108	GLOB UNIF	WY	0 1
167	LOAD	Y	403 503	0.00	200	4.56	180	GLOB UNIF	WY	0 1
168	LOAD	Z	403 503	0.00-	34	4.56-	31	GLOB UNIF	WY	0 1
169	LOAD	X	406 506	0.00	125	4.56	114	GLOB UNIF	WY	0 1
170	LOAD	Y	406 506	0.00	205	4.56	185	GLOB UNIF	WY	0 1
171	LOAD	Z	406 506	0.00	34	4.56	31	GLOB UNIF	WY	0 1
172	LOAD	X	501 601	0.00	100	6.08	90	GLOB UNIF	WY	0 1
173	LOAD	Y	501 601	0.00	195	6.08	175	GLOB UNIF	WY	0 1
174	LOAD	Z	501 601	0.00-	02	6.08-	02	GLOB UNIF	WY	0 1
175	LOAD	X	503 603	0.00	107	3.04	101	GLOB UNIF	WY	0 1
176	LOAD	Y	503 603	0.00	176	3.04	166	GLOB UNIF	WY	0 1
177	LOAD	Z	503 603	0.00-	30	3.04-	28	GLOB UNIF	WY	0 1
178	LOAD	X	503 603	3.04	101	3.04	95	GLOB UNIF	WY	0 1
179	LOAD	Y	503 603	3.04	168	3.04	158	GLOB UNIF	WY	0 1
180	LOAD	Z	503 603	3.04-	28	3.04-	27	GLOB UNIF	WY	0 1
181	LOAD	X	506 606	0.00	112	6.08	101	GLOB UNIF	WY	0 1
182	LOAD	Y	506 606	0.00	181	6.08	163	GLOB UNIF	WY	0 1
183	LOAD	Z	506 606	0.00	30	6.08	27	GLOB UNIF	WY	0 1
184	LOAD	X	601 621	0.00	90	6.08	81	GLOB UNIF	WY	0 1
185	LOAD	Y	601 621	0.00	175	6.08	159	GLOB UNIF	WY	0 1
186	LOAD	Z	601 621	0.00-	02	6.08-	1	GLOB UNIF	WY	0 1
187	LOAD	X	603 623	0.00	95	6.08	86	GLOB UNIF	WY	0 1
188	LOAD	Y	603 623	0.00	156	6.08	142	GLOB UNIF	WY	0 1
189	LOAD	Z	603 623	0.00-	27	6.08-	24	GLOB UNIF	WY	0 1
190	LOAD	X	606 626	0.00	101	6.08	93	GLOB UNIF	WY	0 1
191	LOAD	Y	606 626	0.00	164	6.08	149	GLOB UNIF	WY	0 1
192	LOAD	Z	606 626	0.00	27	6.08	25	GLOB UNIF	WY	0 1

| LINE NO. | | |

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

   643  LOAD Z  706 806    9.46     26   9.46     23                  GLOB UNIF     WY 0 1
   644  LOAD X  706 806   10.92     89   9.46     80                  GLOB UNIF     WY 0 1
   645  LOAD Y  706 806   10.92    140   9.46    126                  GLOB UNIF     WY 0 1
   646  LOAD Z  706 806   10.92     23   9.46     21                  GLOB UNIF     WY 0 1
   647  LOAD X  801 901    0.00     62  10.81     55                  GLOB UNIF     WY 0 1
   648  LOAD Y  801 901    0.00    127  10.81    112                  GLOB UNIF     WY 0 1
   649  LOAD Z  801 901    0.00-    02  10.81-     1                  GLOB UNIF     WY 0 1
   650  LOAD X  801 901   10.81     55  10.81     50                  GLOB UNIF     WY 0 1
   651  LOAD Y  801 901   10.81    112  10.81    100                  GLOB UNIF     WY 0 1
   652  LOAD Z  801 901   10.81-     1  10.81-     1                  GLOB UNIF     WY 0 1
   653  LOAD X  801 901   21.63     50  10.81     46                  GLOB UNIF     WY 0 1
   654  LOAD Y  801 901   21.63    100  10.81     90                  GLOB UNIF     WY 0 1
   655  LOAD Z  801 901   21.63-     1  10.81-     1                  GLOB UNIF     WY 0 1
   656  LOAD X  803 903    0.00     62  10.81     55                  GLOB UNIF     WY 0 1
   657  LOAD Y  803 903    0.00     94  10.81     85                  GLOB UNIF     WY 0 1
   658  LOAD Z  803 903    0.00-    17  10.81-    15                  GLOB UNIF     WY 0 1
   659  LOAD X  803 903   10.81     55  10.81     45                  GLOB UNIF     WY 0 1
   660  LOAD Y  803 903   10.81     85  10.81     73                  GLOB UNIF     WY 0 1
   661  LOAD Z  803 903   10.81-    15  10.81-    13                  GLOB UNIF     WY 0 1
   662  LOAD X  803 903   21.63     45  10.81     39                  GLOB UNIF     WY 0 1
   663  LOAD Y  803 903   21.63     75  10.81     64                  GLOB UNIF     WY 0 1
   664  LOAD Z  803 903   21.63-    13  10.81-    11                  GLOB UNIF     WY 0 1
   665  LOAD X  806 906    0.00     80  10.81     71                  GLOB UNIF     WY 0 1
   666  LOAD Y  806 906    0.00    126  10.81    114                  GLOB UNIF     WY 0 1
   667  LOAD Z  806 906    0.00     21  10.81     19                  GLOB UNIF     WY 0 1
   668  LOAD X  806 906   10.81     71  10.81     65                  GLOB UNIF     WY 0 1
   669  LOAD Y  806 906   10.81    114  10.81    104                  GLOB UNIF     WY 0 1
   670  LOAD Z  806 906   10.81     19  10.81     17                  GLOB UNIF     WY 0 1
   671  LOAD X  806 906   21.63     65  10.81     59                  GLOB UNIF     WY 0 1
   672  LOAD Y  806 906   21.63    104  10.81     96                  GLOB UNIF     WY 0 1
   673  LOAD Z  806 906   21.63     17  10.81     16                  GLOB UNIF     WY 0 1
   674  LOAD X  9011001    0.00     46  10.22     43                  GLOB UNIF     WY 0 1
   675  LOAD Y  9011001    0.00     90  10.22     79                  GLOB UNIF     WY 0 1
   676  LOAD Z  9011001    0.00-     1  10.22                         GLOB UNIF     WY 0 1
   677  LOAD X  9011001   10.22     43  10.22     41                  GLOB UNIF     WY 0 1
   678  LOAD Y  9011001   10.22     79  10.22     71                  GLOB UNIF     WY 0 1
   679  LOAD X  9031003    0.00     59  10.22     51                  GLOB UNIF     WY 0 1
   680  LOAD Y  9031003    0.00     64  10.22     52                  GLOB UNIF     WY 0 1
   681  LOAD Z  9031003    0.00-    11  10.22-    09                  GLOB UNIF     WY 0 1
   682  LOAD X  9031003   10.22     51  10.22     24                  GLOB UNIF     WY 0 1
   683  LOAD Y  9031003   10.22     52  10.22     44                  GLOB UNIF     WY 0 1
   684  LOAD Z  9031003   10.22-    09  10.22-    07                  GLOB UNIF     WY 0 1
   685  LOAD X  9061006    0.00     59  10.22     54                  GLOB UNIF     WY 0 1
   686  LOAD Y  9061006    0.00     96  10.22     89                  GLOB UNIF     WY 0-1
   687  LOAD Z  9061006    0.00     16  10.22     15                  GLOB UNIF     WY 0 1
   688  LOAD X  9061006   10.22     54  10.22     51                  GLOB UNIF     WY 0 1
   689  LOAD Y  9061006   10.22     89  10.22     85                  GLOB UNIF     WY 0 1
   690  LOAD Z  9061006   10.22     15  10.22     14                  GLOB UNIF     WY 0 1
   691  LOADCM  Z
   692  LOAD Y  510 710    7.59    271                                 GLOB CONC     WY 0 2
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

     893 LOAD A  510 710                                  7.59-212797 GLOB MOMT    WN 0 2
     894 LOAD Y  511 711    7.59    271                               GLOB CONC    WN 0 2
     895 LOAD A  511 711                                  7.59-212797 GLOB MOMT    WN 0 2
     896 LOAD Y  512 712    7.59    271                               GLOB CONC    WN 0 2
     897 LOAD A  512 712                                  7.59-212797 GLOB MOMT    WN 0 2
     898 LOAD Y  510 710    7.59    275                               GLOB CONC    WN 0 2
     899 LOAD A  510 710                                  7.59-197312 GLOB MOMT    WN 0 2
     900 LOAD Y  511 711    7.59    275                               GLOB CONC    WN 0 2
     901 LOAD A  511 711                                  7.59-197312 GLOB MOMT    WN 0 2
     902 LOAD Y  512 712    7.59    275                               GLOB CONC    WN 0 2
     903 LOAD A  512 712                                  7.59-197312 GLOB MOMT    WN 0 2
     904 LOAD A  201 303   19.72     08   4.31     08                 GLOB UNIF    WV 0 2
     905 LOAD Y  201 303   19.72     67   4.31     88                 GLOB UNIF    WV 0 2
     906 LOAD Z  201 303   19.72-    16   4.31-    16                 GLOB UNIF    WV 0 2
     907 LOAD A  201 303   24.03     08   4.31     09                 GLOB UNIF    WV 0 2
     908 LOAD Y  201 303   24.03     88   4.31    109                 GLOB UNIF    WV 0 2
     909 LOAD Z  201 303   24.03-    16   4.31-    17                 GLOB UNIF    WV 0 2
     910 LOAD A  201 303   28.34     09   4.31     09                 GLOB UNIF    WV 0 2
     911 LOAD Y  201 303   28.34    109   4.31    131                 GLOB UNIF    WV 0 2
     912 LOAD Z  201 303   28.34-    17   4.31-    17                 GLOB UNIF    WV 0 2
     913 LOAD A  206 301   23.47     52   3.06     42                 GLOB UNIF    WV 0 2
     914 LOAD Y  206 301   23.47     65   3.06     77                 GLOB UNIF    WV 0 2
     915 LOAD Z  206 301   23.47-    75   3.06-    88                 GLOB UNIF    WV 0 2
     916 LOAD A  206 301   20.55     42   3.06     51                 GLOB UNIF    WV 0 2
     917 LOAD Y  206 301   20.55     77   3.06     88                 GLOB UNIF    WV 0 2
     918 LOAD Z  206 301   20.55-    88   3.06-    99                 GLOB UNIF    WV 0 2
     919 LOAD A  206 301   29.59     51   3.06     58                 GLOB UNIF    WV 0 2
     920 LOAD Y  206 301   29.59     88   3.06     99                 GLOB UNIF    WV 0 2
     921 LOAD Z  206 301   29.59-    99   3.06-    110                GLOB UNIF    WV 0 2
     922 LOAD A  301 403    0.00     10  20.33     10                 GLOB UNIF    WV 0 2
     923 LOAD Y  301 403    0.00    151  20.33    167                 GLOB UNIF    WV 0 2
     924 LOAD Z  301 403    0.00-    11  20.33-    10                 GLOB UNIF    WV 0 2
     925 LOAD A  301 403   20.33     10  20.33     09                 GLOB UNIF    WV 0 2
     926 LOAD Y  301 403   20.33    167  20.33    114                 GLOB UNIF    WV 0 2
     927 LOAD Z  301 403   20.33-    10  20.33-    09                 GLOB UNIF    WV 0 2
     928 LOAD Y  301 303    0.00    108  29.00    108                 GLOB UNIF    WV 0 2
     929 LOAD Z  301 303    0.00-    14  29.00-    14                 GLOB UNIF    WV 0 2
     930 LOAD A  303 306    0.00-    47   9.36-    45                 GLOB UNIF    WV 0 2
     931 LOAD Y  303 306    0.00     27   9.36     26                 GLOB UNIF    WV 0 2
     932 LOAD Z  303 306    0.00-    14   9.36-    11                 GLOB UNIF    WV 0 2
     933 LOAD A  303 306    9.36-    45   9.36-    41                 GLOB UNIF    WV 0 2
     934 LOAD Y  303 306    9.36     26   9.36     23                 GLOB UNIF    WV 0 2
     935 LOAD Z  303 306    9.36-    11   9.36-    06                 GLOB UNIF    WV 0 2
     936 LOAD A  303 306   18.73-    41   9.36-    39                 GLOB UNIF    WV 0 2
     937 LOAD Y  303 306   18.73     23   9.36     18                 GLOB UNIF    WV 0 2
     938 LOAD Z  303 306   18.73-    06   6.51                        GLOB UNIF    WV 0 2
     939 LOAD Z  303 306   25.24          2.65     02                 GLOB UNIF    WV 0 2
     940 LOAD A  301 306    0.00     47   9.36     45                 GLOB UNIF    WV 0 2
     941 LOAD Y  301 306    0.00     27   9.36     26                 GLOB UNIF    WV 0 2
     942 LOAD Z  301 306    0.00-    14   9.36-    11                 GLOB UNIF    WV 0 2
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

    943  LOAD A  501 506    9.36    45   9.36    41          GLOB UNIF     WV 0 2
    944  LOAD Y  501 506    9.36    20   9.36    23          GLOB UNIF     WV 0 2
    945  LOAD Z  501 506    9.36-   11   9.36-   00          GLOB UNIF     WV 0 2
    946  LOAD A  501 506   10.73    41   9.36    30          GLOB UNIF     WV 0 2
    947  LOAD Y  501 506   10.73    23   9.36    18          GLOB UNIF     WV 0 2
    948  LOAD Z  501 506   10.73-   00   0.51                GLOB UNIF     WV 0 2
    949  LOAD Z  501 506   25.28        2.05    02          GLOB UNIF     WV 0 2
    950  LOAD Y  501 502    0.00    00  15.15    00          GLOB UNIF     WV 0 2
    951  LOAD Z  501 502    0.00-   00  15.15-   00          GLOB UNIF     WV 0 2
    952  LOAD Y  502 503    0.00    00  15.15    00          GLOB UNIF     WV 0 2
    953  LOAD Z  502 503    0.00-   00  15.15-   00          GLOB UNIF     WV 0 2
    954  LOAD A  503 505    0.00-   29  15.15-   29          GLOB UNIF     WV 0 2
    955  LOAD Y  503 505    0.00    17  15.15    17          GLOB UNIF     WV 0 2
    956  LOAD Z  503 505    0.00-   00  15.15-   00          GLOB UNIF     WV 0 2
    957  LOAD A  505 506    0.00-   29  15.15-   28          GLOB UNIF     WV 0 2
    958  LOAD Y  505 506    0.00    17  15.15    10          GLOB UNIF     WV 0 2
    959  LOAD Z  505 506    0.00-   00  15.15-   02          GLOB UNIF     WV 0 2
    960  LOAD A  501 504    0.00    29  15.15    29          GLOB UNIF     WV 0 2
    961  LOAD Y  501 504    0.00    17  15.15    17          GLOB UNIF     WV 0 2
    962  LOAD Z  501 504    0.00-   00  15.15-   00          GLOB UNIF     WV 0 2
    963  LOAD A  504 506    0.00    29  15.15    28          GLOB UNIF     WV 0 2
    964  LOAD Y  504 506    0.00    17  15.15    10          GLOB UNIF     WV 0 2
    965  LOAD Z  504 506    0.00-   00  15.15-   02          GLOB UNIF     WV 0 2
    966  LOAD A  502 504    0.00-   20  15.15-   19          GLOB UNIF     WV 0 2
    967  LOAD Y  502 504    0.00    11  15.15    11          GLOB UNIF     WV 0 2
    968  LOAD Z  502 504    0.00-   03  15.15-   02          GLOB UNIF     WV 0 2
    969  LOAD A  502 505    0.00    20  15.15    19          GLOB UNIF     WV 0 2
    970  LOAD Y  502 505    0.00    11  15.15    11          GLOB UNIF     WV 0 2
    971  LOAD Z  502 505    0.00-   03  15.15-   02          GLOB UNIF     WV 0 2
    972  LOAD Y  504 505    0.00    45  15.16    45          GLOB UNIF     WV 0 2
    973  LOAD Z  504 505    0.00-   02  15.16-   02          GLOB UNIF     WV 0 2
    974  LOAD A  501 513    0.00    22   2.99    22          GLOB UNIF     WV 0 2
    975  LOAD Y  501 513    0.00    36   2.99    36          GLOB UNIF     WV 0 2
    976  LOAD Z  501 513    0.00-   04   2.99-   04          GLOB UNIF     WV 0 2
    977  LOAD A  503 514    0.00-   22   2.99-   22          GLOB UNIF     WV 0 2
    978  LOAD Y  503 514    0.00    36   2.99    36          GLOB UNIF     WV 0 2
    979  LOAD Z  503 514    0.00-   04   2.99-   04          GLOB UNIF     WV 0 2
    980  LOAD Y  513 651    0.00   173   0.00   155          GLOB UNIF     WV 0 2
    981  LOAD Y  513 651    0.00   155   0.00   141          GLOB UNIF     WV 0 2
    982  LOAD Y  513 651   12.00   141   0.00   127          GLOB UNIF     WV 0 2
    983  LOAD Y  514 653    0.00   173   0.00   155          GLOB UNIF     WV 0 2
    984  LOAD Y  514 653    0.00   155   0.00   141          GLOB UNIF     WV 0 2
    985  LOAD Y  514 653   12.00   141   0.00   127          GLOB UNIF     WV 0 2
    986  LOAD Z  601 611    0.00-   05   0.00-   00          GLOB UNIF     WV 0 2
    987  LOAD Z  603 613    0.00-   05   0.00-   00          GLOB UNIF     WV 0 2
    988  LOAD Z  651 661    0.00-   05   5.00-   05          GLOB UNIF     WV 0 2
    989  LOAD Z  653 663    0.00-   05   5.00-   05          GLOB UNIF     WV 0 2
    990  LOAD Y  611 612    0.00    46  16.01    46          GLOB UNIF     WV 0 2
    991  LOAD Z  611 612    0.00-   04  16.01-   04          GLOB UNIF     WV 0 2
    992  LOAD Y  612 613    0.00    46  16.01    46          GLOB UNIF     WV 0 2
```

LINE NO.																							
993	LOAD	Z	612	613	0.00-	04	16.01-	04							GLOB	UNIF			WY	0	2		
994	LOAD	Y	501	602	0.00	83	17.74	83							GLOB	UNIF			WY	0	2		
995	LOAD	Z	601	602	0.00-	05	17.74-	05							GLOB	UNIF			WY	0	2		
996	LOAD	Y	602	603	0.00	83	17.74	83							GLOB	UNIF			WY	0	2		
997	LOAD	Z	602	603	0.00-	05	17.74-	05							GLOB	UNIF			WY	0	2		
998	LOAD	A	611	601	0.00-	04	0.06-	04							GLOB	UNIF			WY	0	2		
999	LOAD	Y	611	601	0.00	114	0.06	103							GLOB	UNIF			WY	0	2		
1000	LOAD	Z	611	601	0.00-	1	0.06								GLOB	UNIF			WY	0	2		
1001	LOAD	A	611	601	0.06-	04	0.06-	03							GLOB	UNIF			WY	0	2		
1002	LOAD	Y	611	601	0.06	103	0.06	93							GLOB	UNIF			WY	0	2		
1003	LOAD	Y	612	602	0.00	76	0.00	69							GLOB	UNIF			WY	0	2		
1004	LOAD	Y	612	602	0.00	69	0.00	62							GLOB	UNIF			WY	0	2		
1005	LOAD	A	613	603	0.00	04	0.06	04							GLOB	UNIF			WY	0	2		
1006	LOAD	Y	613	603	0.00	114	0.06	103							GLOB	UNIF			WY	0	2		
1007	LOAD	Z	613	603	0.00-	1	0.06								GLOB	UNIF			WY	0	2		
1008	LOAD	A	613	603	0.06	04	0.06	03							GLOB	UNIF			WY	0	2		
1009	LOAD	Y	613	603	0.06	103	0.06	93							GLOB	UNIF			WY	0	2		
1010	LOAD	A	501	622	0.00	02	10.21	02							GLOB	UNIF			WY	0	2		
1011	LOAD	Y	501	622	0.00	85	10.21	77							GLOB	UNIF			WY	0	2		
1012	LOAD	Z	501	622	0.00-	10	10.21-	10							GLOB	UNIF			WY	0	2		
1013	LOAD	A	501	622	10.21	02	10.21	02							GLOB	UNIF			WY	0	2		
1014	LOAD	Y	501	622	10.21	77	10.21	69							GLOB	UNIF			WY	0	2		
1015	LOAD	Z	501	622	10.21-	10	10.21-	09							GLOB	UNIF			WY	0	2		
1016	LOAD	A	622	703	0.00	1	10.89	1							GLOB	UNIF			WY	0	2		
1017	LOAD	Y	622	703	0.00	104	10.89	94							GLOB	UNIF			WY	0	2		
1018	LOAD	Z	622	703	0.00-	10	10.89-	09							GLOB	UNIF			WY	0	2		
1019	LOAD	A	622	703	10.89	1	10.89	1							GLOB	UNIF			WY	0	2		
1020	LOAD	Y	622	703	10.89	94	10.89	85							GLOB	UNIF			WY	0	2		
1021	LOAD	Z	622	703	10.89-	09	10.89-	09							GLOB	UNIF			WY	0	2		
1022	LOAD	A	503	625	0.00-	25	0.75-	23							GLOB	UNIF			WY	0	2		
1023	LOAD	Y	503	625	0.00	36	0.75	34							GLOB	UNIF			WY	0	2		
1024	LOAD	Z	503	625	0.00	28	0.75	27							GLOB	UNIF			WY	0	2		
1025	LOAD	A	503	625	0.75-	23	0.75-	21							GLOB	UNIF			WY	0	2		
1026	LOAD	Y	503	625	0.75	34	0.75	32							GLOB	UNIF			WY	0	2		
1027	LOAD	Z	503	625	0.75	27	0.75	25							GLOB	UNIF			WY	0	2		
1028	LOAD	A	503	625	13.50-	21	0.75-	20							GLOB	UNIF			WY	0	2		
1029	LOAD	Y	503	625	13.50	52	0.75	50							GLOB	UNIF			WY	0	2		
1030	LOAD	Z	503	625	13.50	25	0.75	24							GLOB	UNIF			WY	0	2		
1031	LOAD	A	625	706	0.00-	29	7.31-	26							GLOB	UNIF			WY	0	2		
1032	LOAD	Y	625	706	0.00	46	7.31	43							GLOB	UNIF			WY	0	2		
1033	LOAD	Z	625	706	0.00	39	7.31	36							GLOB	UNIF			WY	0	2		
1034	LOAD	A	625	706	7.31-	26	7.31-	24							GLOB	UNIF			WY	0	2		
1035	LOAD	Y	625	706	7.31	43	7.31	40							GLOB	UNIF			WY	0	2		
1036	LOAD	Z	625	706	7.31	36	7.31	34							GLOB	UNIF			WY	0	2		
1037	LOAD	A	625	706	14.62-	24	7.31-	21							GLOB	UNIF			WY	0	2		
1038	LOAD	Y	625	706	14.62	40	7.31	37							GLOB	UNIF			WY	0	2		
1039	LOAD	Z	625	706	14.62	34	7.31	32							GLOB	UNIF			WY	0	2		
1040	LOAD	A	506	624	0.00	23	20.24	18							GLOB	UNIF			WY	0	2		
1041	LOAD	Y	506	624	0.00	47	20.24	42							GLOB	UNIF			WY	0	2		
1042	LOAD	Z	506	624	0.00-	38	20.24-	34							GLOB	UNIF			WY	0	2		

| LINE NO. | | |

LINE NO.			1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																	
1093	LOAD	Z	706	803	0.00-	35	16.72-	35					GLOB	UNIF		WV	0 2
1094	LOAD	X	706	803	16.72-	21	16.72-	19					GLOB	UNIF		WV	0 2
1095	LOAD	Y	706	803	16.72	40	16.72	36					GLOB	UNIF		WV	0 2
1096	LOAD	Z	706	803	16.72-	33	16.72-	30					GLOB	UNIF		WV	0 2
1097	LOAD	X	706	803	33.44-	19	16.72-	16					GLOB	UNIF		WV	0 2
1098	LOAD	Y	706	803	33.44	36	16.72	32					GLOB	UNIF		WV	0 2
1099	LOAD	Z	706	803	33.44-	30	16.72-	26					GLOB	UNIF		WV	0 2
1100	LOAD	Y	801	802	0.00	41	22.79	41					GLOB	UNIF		WV	0 2
1101	LOAD	Z	801	802	0.00-	02	22.79-	02					GLOB	UNIF		WV	0 2
1102	LOAD	Y	802	803	0.00	41	22.79	41					GLOB	UNIF		WV	0 2
1103	LOAD	Z	802	803	0.00-	02	22.79-	02					GLOB	UNIF		WV	0 2
1104	LOAD	X	803	805	0.00-	18	22.79-	18					GLOB	UNIF		WV	0 2
1105	LOAD	Y	803	805	0.00	10	22.79	10					GLOB	UNIF		WV	0 2
1106	LOAD	Z	803	805	0.00-	02	22.79-	02					GLOB	UNIF		WV	0 2
1107	LOAD	X	805	806	0.00-	18	22.80-	18					GLOB	UNIF		WV	0 2
1108	LOAD	Y	805	806	0.00	10	22.80	09					GLOB	UNIF		WV	0 2
1109	LOAD	Z	805	806	0.00-	02	22.80-	1					GLOB	UNIF		WV	0 2
1110	LOAD	X	801	804	0.00	18	22.79	18					GLOB	UNIF		WV	0 2
1111	LOAD	Y	801	804	0.00	10	22.79	10					GLOB	UNIF		WV	0 2
1112	LOAD	Z	801	804	0.00-	02	22.79-	02					GLOB	UNIF		WV	0 2
1113	LOAD	X	804	806	0.00	18	22.80	18					GLOB	UNIF		WV	0 2
1114	LOAD	Y	804	806	0.00	10	22.80	09					GLOB	UNIF		WV	0 2
1115	LOAD	Z	804	806	0.00-	02	22.80-	1					GLOB	UNIF		WV	0 2
1116	LOAD	X	802	804	0.00-	14	22.80-	14					GLOB	UNIF		WV	0 2
1117	LOAD	Y	802	804	0.00	08	22.80	08					GLOB	UNIF		WV	0 2
1118	LOAD	Z	802	804	0.00-	1	22.80-	1					GLOB	UNIF		WV	0 2
1119	LOAD	X	802	805	0.00	14	22.80	14					GLOB	UNIF		WV	0 2
1120	LOAD	Y	802	805	0.00	08	22.80	08					GLOB	UNIF		WV	0 2
1121	LOAD	Z	802	805	0.00-	1	22.80-	1					GLOB	UNIF		WV	0 2
1122	LOAD	Y	804	805	0.00	32	22.80	32					GLOB	UNIF		WV	0 2
1123	LOAD	Z	804	805	0.00-	1	22.80-	1					GLOB	UNIF		WV	0 2
1124	LOAD	A	801	903	0.00	1	19.87						GLOB	UNIF		WV	0 2
1125	LOAD	Y	801	903	0.00	57	19.87	50					GLOB	UNIF		WV	0 2
1126	LOAD	Z	801	903	0.00-	06	19.87-	05					GLOB	UNIF		WV	0 2
1127	LOAD	Y	801	903	19.87	50	19.87	44					GLOB	UNIF		WV	0 2
1128	LOAD	Z	801	903	19.87-	05	19.87-	04					GLOB	UNIF		WV	0 2
1129	LOAD	Y	801	903	39.73	44	19.87	40					GLOB	UNIF		WV	0 2
1130	LOAD	Z	801	903	39.73-	04	19.87-	03					GLOB	UNIF		WV	0 2
1131	LOAD	A	803	906	0.00-	16	19.87-	16					GLOB	UNIF		WV	0 2
1132	LOAD	Y	803	906	0.00	22	19.87	20					GLOB	UNIF		WV	0 2
1133	LOAD	Z	803	906	0.00	18	19.87	17					GLOB	UNIF		WV	0 2
1134	LOAD	X	803	906	19.87-	16	19.87-	13					GLOB	UNIF		WV	0 2
1135	LOAD	Y	803	906	19.87	20	19.87	18					GLOB	UNIF		WV	0 2
1136	LOAD	Z	803	906	19.87	17	19.87	16					GLOB	UNIF		WV	0 2
1137	LOAD	X	803	906	39.73-	13	19.87-	11					GLOB	UNIF		WV	0 2
1138	LOAD	Y	803	906	39.73	15	19.87	16					GLOB	UNIF		WV	0 2
1139	LOAD	Z	803	906	39.73	16	19.87	14					GLOB	UNIF		WV	0 2
1140	LOAD	X	806	901	0.00	17	19.87	15					GLOB	UNIF		WV	0 2
1141	LOAD	Y	806	901	0.00	25	19.87	27					GLOB	UNIF		WV	0 2
1142	LOAD	Z	806	901	0.00-	23	19.87-	22					GLOB	UNIF		WV	0 2

LINE NO.																			
1143	LOAD	X	806	901	19.87	15	19.87	14					GLOB	UNIF		WY	0	2	
1144	LOAD	Y	806	901	19.87	27	19.87	24					GLOB	UNIF		WY	0	2	
1145	LOAD	Z	806	901	19.87-	22	19.87-	20					GLOB	UNIF		WY	0	2	
1146	LOAD	X	806	901	39.74	14	19.87	12					GLOB	UNIF		WY	0	2	
1147	LOAD	Y	806	901	39.74	24	19.87	21					GLOB	UNIF		WY	0	2	
1148	LOAD	Z	806	901	39.74-	20	19.87-	17					GLOB	UNIF		WY	0	2	
1149	LOAD	Y	901	902	0.00	33	27.42	33					GLOB	UNIF		WY	0	2	
1150	LOAD	Z	901	902	0.00-	02	27.42-	02					GLOB	UNIF		WY	0	2	
1151	LOAD	Y	902	903	0.00	33	27.42	33					GLOB	UNIF		WY	0	2	
1152	LOAD	Z	902	903	0.00-	02	27.42-	02					GLOB	UNIF		WY	0	2	
1153	LOAD	X	903	905	0.00-	14	27.41-	14					GLOB	UNIF		WY	0	2	
1154	LOAD	Y	903	905	0.00	08	27.41	08					GLOB	UNIF		WY	0	2	
1155	LOAD	Z	903	905	0.00-	02	27.41-	1					GLOB	UNIF		WY	0	2	
1156	LOAD	X	905	906	0.00-	14	13.71-	14					GLOB	UNIF		WY	0	2	
1157	LOAD	Y	905	906	0.00	08	13.71	08					GLOB	UNIF		WY	0	2	
1158	LOAD	Z	905	906	0.00-	1	13.71-	1					GLOB	UNIF		WY	0	2	
1159	LOAD	X	905	906	13.71-	14	13.71-	13					GLOB	UNIF		WY	0	2	
1160	LOAD	Y	905	906	13.71	08	13.71	07					GLOB	UNIF		WY	0	2	
1161	LOAD	Z	905	906	13.71-	1	13.71-	1					GLOB	UNIF		WY	0	2	
1162	LOAD	X	901	904	0.00	14	27.41	14					GLOB	UNIF		WY	0	2	
1163	LOAD	Y	901	904	0.00	08	27.41	08					GLOB	UNIF		WY	0	2	
1164	LOAD	Z	901	904	0.00-	02	27.41-	1					GLOB	UNIF		WY	0	2	
1165	LOAD	X	904	905	0.00	14	13.71	14					GLOB	UNIF		WY	0	2	
1166	LOAD	Y	904	905	0.00	08	13.71	08					GLOB	UNIF		WY	0	2	
1167	LOAD	Z	904	905	0.00-	1	13.71-	1					GLOB	UNIF		WY	0	2	
1168	LOAD	X	904	906	13.71	14	13.71	13					GLOB	UNIF		WY	0	2	
1169	LOAD	Y	904	906	13.71	08	13.71	07					GLOB	UNIF		WY	0	2	
1170	LOAD	Z	904	906	13.71-	1	13.71-	1					GLOB	UNIF		WY	0	2	
1171	LOAD	X	902	904	0.00-	10	27.41-	10					GLOB	UNIF		WY	0	2	
1172	LOAD	Y	902	904	0.00	08	27.41	08					GLOB	UNIF		WY	0	2	
1173	LOAD	Z	902	904	0.00-	1	27.41						GLOB	UNIF		WY	0	2	
1174	LOAD	X	902	905	0.00	10	27.41	10					GLOB	UNIF		WY	0	2	
1175	LOAD	Y	902	905	0.00	08	27.41	08					GLOB	UNIF		WY	0	2	
1176	LOAD	Z	902	905	0.00-	1	27.41						GLOB	UNIF		WY	0	2	
1177	LOAD	Y	904	905	0.00	23	27.42	23					GLOB	UNIF		WY	0	2	
1178	LOAD	X	9011002		0.00		14.08-	1					GLOB	UNIF		WY	0	2	
1179	LOAD	Y	9011002		0.00	36	14.08	33					GLOB	UNIF		WY	0	2	
1180	LOAD	Z	9011002		0.00-	03	14.08-	02					GLOB	UNIF		WY	0	2	
1181	LOAD	X	9011002		14.08-	1	14.08-	1					GLOB	UNIF		WY	0	2	
1182	LOAD	Y	9011002		14.08	35	14.08	31					GLOB	UNIF		WY	0	2	
1183	LOAD	Z	9011002		14.08-	02	14.08-	02					GLOB	UNIF		WY	0	2	
1184	LOAD	X	9011002		28.15-	1	14.08-	1					GLOB	UNIF		WY	0	2	
1185	LOAD	Y	9011002		28.15	31	14.08	29					GLOB	UNIF		WY	0	2	
1186	LOAD	Z	9011002		28.15-	02	14.08-	1					GLOB	UNIF		WY	0	2	
1187	LOAD	X	9031002		0.00		14.08	1					GLOB	UNIF		WY	0	2	
1188	LOAD	Y	9031002		0.00	36	14.08	33					GLOB	UNIF		WY	0	2	
1189	LOAD	Z	9031002		0.00-	03	14.08-	02					GLOB	UNIF		WY	0	2	
1190	LOAD	X	9031002		14.08	1	14.08	1					GLOB	UNIF		WY	0	2	
1191	LOAD	Y	9031002		14.08	35	14.08	31					GLOB	UNIF		WY	0	2	
1192	LOAD	Z	9031002		14.08-	02	14.08-	02					GLOB	UNIF		WY	0	2	

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1193	LOAD A	9031002	20.15	1	14.08	1					GLOB UNIF		WV	0	2
1194	LOAD Y	9031002	20.15	31	14.08	29					GLOB UNIF		WV	0	2
1195	LOAD Z	9031002	20.15-	02	14.08-	1					GLOB UNIF		WV	0	2
1196	LOAD A	9031005	0.00-	06	14.06-	06					GLOB UNIF		WV	0	2
1197	LOAD Y	9031005	0.00	22	14.08	21					GLOB UNIF		WV	0	2
1198	LOAD Z	9031005	0.00	15	14.08	14					GLOB UNIF		WV	0	2
1199	LOAD A	9031005	14.06-	06	14.06-	05					GLOB UNIF		WV	0	2
1200	LOAD Y	9031005	14.08	21	14.08	20					GLOB UNIF		WV	0	2
1201	LOAD Z	9031005	14.08	14	14.08	14					GLOB UNIF		WV	0	2
1202	LOAD A	9031005	20.15-	05	14.08-	05					GLOB UNIF		WV	0	2
1203	LOAD Y	9031005	20.15	20	14.08	19					GLOB UNIF		WV	0	2
1204	LOAD Z	9031005	20.15	14	14.08	13					GLOB UNIF		WV	0	2
1205	LOAD A	9061005	0.00-	05	21.11-	06					GLOB UNIF		WV	0	2
1206	LOAD Y	9061005	0.00	25	21.11	23					GLOB UNIF		WV	0	2
1207	LOAD Z	9061005	0.00-	14	21.11-	13					GLOB UNIF		WV	0	2
1208	LOAD A	9061005	21.11-	06	21.11-	06					GLOB UNIF		WV	0	2
1209	LOAD Y	9061005	21.11	23	21.11	21					GLOB UNIF		WV	0	2
1210	LOAD Z	9061005	21.11-	13	21.11-	12					GLOB UNIF		WV	0	2
1211	LOAD A	9011004	0.00	06	14.08	06					GLOB UNIF		WV	0	2
1212	LOAD Y	9011004	0.00	22	14.08	21					GLOB UNIF		WV	0	2
1213	LOAD Z	9011004	0.00	15	14.08	14					GLOB UNIF		WV	0	2
1214	LOAD A	9011004	14.06	06	14.08	05					GLOB UNIF		WV	0	2
1215	LOAD Y	9011004	14.08	21	14.08	20					GLOB UNIF		WV	0	2
1216	LOAD Z	9011004	14.08	14	14.08	14					GLOB UNIF		WV	0	2
1217	LOAD A	9011004	20.15	05	14.08	05					GLOB UNIF		WV	0	2
1218	LOAD Y	9011004	20.15	20	14.08	19					GLOB UNIF		WV	0	2
1219	LOAD Z	9011004	20.15	14	14.08	13					GLOB UNIF		WV	0	2
1220	LOAD A	9061004	0.00	06	21.11	06					GLOB UNIF		WV	0	2
1221	LOAD Y	9061004	0.00	25	21.11	23					GLOB UNIF		WV	0	2,
1222	LOAD Z	9061004	0.00-	14	21.11-	13					GLOB UNIF		WV	0	2
1223	LOAD A	9061004	21.11	06	21.11	06					GLOB UNIF		WV	0	2
1224	LOAD Y	9061004	21.11	23	21.11	21					GLOB UNIF		WV	0	2
1225	LOAD Z	9061004	21.11-	13	21.11-	12					GLOB UNIF		WV	0	2
1226	LOAD Y	10011002	0.00	32	32.04	32					GLOB UNIF		WV	0	2
1227	LOAD Y	10021003	0.00	32	32.04	32					GLOB UNIF		WV	0	2
1228	LOAD A	10051005	0.00-	14	32.04-	14					GLOB UNIF		WV	0	2
1229	LOAD Y	10051005	0.00	08	32.04	08					GLOB UNIF		WV	0	2
1230	LOAD A	10051006	0.00-	14	32.04-	13					GLOB UNIF		WV	0	2
1231	LOAD Y	10051006	0.00	08	32.04	08					GLOB UNIF		WV	0	2
1232	LOAD A	10011004	0.00	14	32.04	14					GLOB UNIF		WV	0	2
1233	LOAD Y	10011004	0.00	08	32.04	08					GLOB UNIF		WV	0	2
1234	LOAD A	10041005	0.00	14	32.04	13					GLOB UNIF		WV	0	2
1235	LOAD Y	10041005	0.00	08	32.04	08					GLOB UNIF		WV	0	2
1236	LOAD A	10021004	0.00-	10	32.04-	10					GLOB UNIF		WV	0	2
1237	LOAD Y	10021004	0.00	05	32.04	06					GLOB UNIF		WV	0	2
1238	LOAD A	10021005	0.00	10	32.04	10					GLOB UNIF		WV	0	2
1239	LOAD Y	10021005	0.00	06	32.04	06					GLOB UNIF		WV	0	2
1240	LOAD Y	10041005	0.00	23	32.04	23					GLOB UNIF		WV	0	2
1241	LOAD Y	201 301	9.05	66	1.98	112					GLOB UNIF		WV	0	2
1242	LOAD Y	201 301	11.04	112	1.98	139					GLOB UNIF		WV	0	2

LINE NO.																	
1243	LOAD	Y	201	301	13.02	139	1.98	165				GLOB	UNIF	WV	0	2	
1244	LOAD	Y	203	303	9.06	86	1.98	112				GLOB	UNIF	WV	0	2	
1245	LOAD	Y	203	303	11.04	112	1.98	134				GLOB	UNIF	WV	0	2	
1246	LOAD	Y	203	303	13.02	139	1.98	165				GLOB	UNIF	WV	0	2	
1247	LOAD	Y	301	401	0.00	165	14.25	210				GLOB	UNIF	WV	0	2	
1248	LOAD	Y	301	401	14.25	210	14.25	143				GLOB	UNIF	WV	0	2	
1249	LOAD	Y	303	403	0.00	165	14.25	210				GLOB	UNIF	WV	0	2	
1250	LOAD	Y	303	403	14.25	210	14.25	143				GLOB	UNIF	WV	0	2	
1251	LOAD	Y	306	406	.19		9.44	145				GLOB	UNIF	WV	0	2	
1252	LOAD	Y	306	406	9.63	195	9.44	188				GLOB	UNIF	WV	0	2	
1253	LOAD	Y	306	406	19.06	188	9.44	144				GLOB	UNIF	WV	0	2	
1254	LOAD	X	401	501	0.00-	08	4.56-	08				GLOB	UNIF	WV	0	2	
1255	LOAD	Y	401	501	0.00	239	4.56	215				GLOB	UNIF	WV	0	2	
1256	LOAD	Z	401	501	0.00-	21	4.56-	19				GLOB	UNIF	WV	0	2	
1257	LOAD	X	403	503	0.00	09	4.56	08				GLOB	UNIF	WV	0	2	
1258	LOAD	Y	403	503	0.00	239	4.56	215				GLOB	UNIF	WV	0	2	
1259	LOAD	Z	403	503	0.00-	21	4.56-	19				GLOB	UNIF	WV	0	2	
1260	LOAD	Y	406	506	0.00	236	4.56	214				GLOB	UNIF	WV	0	2	
1261	LOAD	Z	406	506	0.00	39	4.56	36				GLOB	UNIF	WV	0	2	
1262	LOAD	X	501	601	0.00-	07	3.04-	07				GLOB	UNIF	WV	0	2	
1263	LOAD	Y	501	601	0.00	215	3.04	202				GLOB	UNIF	WV	0	2	
1264	LOAD	Z	501	601	0.00-	19	3.04-	18				GLOB	UNIF	WV	0	2	
1265	LOAD	X	501	601	3.04-	07	3.04-	07				GLOB	UNIF	WV	0	2	
1266	LOAD	Y	501	601	3.04	202	3.04	191				GLOB	UNIF	WV	0	2	
1267	LOAD	Z	501	601	3.04-	18	3.04-	17				GLOB	UNIF	WV	0	2	
1268	LOAD	X	503	603	0.00	07	3.04	07				GLOB	UNIF	WV	0	2	
1269	LOAD	Y	503	603	0.00	213	3.04	202				GLOB	UNIF	WV	0	2	
1270	LOAD	Z	503	603	0.00-	19	3.04-	18				GLOB	UNIF	WV	0	2	
1271	LOAD	X	503	603	3.04	07	3.04	07				GLOB	UNIF	WV	0	2	
1272	LOAD	Y	503	603	3.04	202	3.04	191				GLOB	UNIF	WV	0	2	
1273	LOAD	Z	503	603	3.04-	18	3.04-	17				GLOB	UNIF	WV	0	2	
1274	LOAD	Y	506	606	0.00	211	6.08	190				GLOB	UNIF	WV	0	2	
1275	LOAD	Z	506	606	0.00	35	6.08	32				GLOB	UNIF	WV	0	2	
1276	LOAD	X	601	621	0.00-	07	6.08-	07				GLOB	UNIF	WV	0	2	
1277	LOAD	Y	601	621	0.00	191	6.08	173				GLOB	UNIF	WV	0	2	
1278	LOAD	Z	601	621	0.00-	17	6.08-	15				GLOB	UNIF	WV	0	2	
1279	LOAD	X	603	623	0.00	07	6.08	07				GLOB	UNIF	WV	0	2	
1280	LOAD	Y	603	623	0.00	191	6.08	173				GLOB	UNIF	WV	0	2	
1281	LOAD	Z	603	623	0.00-	17	6.08-	15				GLOB	UNIF	WV	0	2	
1282	LOAD	Y	606	626	0.00	191	6.08	174				GLOB	UNIF	WV	0	2	
1283	LOAD	Z	606	626	0.00	31	6.08	29				GLOB	UNIF	WV	0	2	
1284	LOAD	X	621	651	0.00-	15	6.08-	14				GLOB	UNIF	WV	0	2	
1285	LOAD	Y	621	651	0.00	256	6.08	230				GLOB	UNIF	WV	0	2	
1286	LOAD	Z	621	651	0.00-	23	6.08-	21				GLOB	UNIF	WV	0	2	
1287	LOAD	X	623	653	0.00	15	6.08	14				GLOB	UNIF	WV	0	2	
1288	LOAD	Y	623	653	0.00	256	6.08	230				GLOB	UNIF	WV	0	2	
1289	LOAD	Z	623	653	0.00-	23	6.08-	21				GLOB	UNIF	WV	0	2	
1290	LOAD	Y	626	656	0.00	272	6.08	244				GLOB	UNIF	WV	0	2	
1291	LOAD	Z	626	656	0.00	45	6.08	41				GLOB	UNIF	WV	0	2	
1292	LOAD	X	651	701	0.00-	14	3.55-	14				GLOB	UNIF	WV	0	2	

| LINE NO. | | |

LINE NO.																	
1343	LOAD Y	803	903	10.81	115	10.81	99				GLOB	UNIF	WV	0	2		
1344	LOAD Z	803	903	10.81-	10	10.81-	09				GLOB	UNIF	WV	0	2		
1345	LOAD X	803	903	21.63	05	10.81	03				GLOB	UNIF	WV	0	2		
1346	LOAD Y	803	903	21.63	99	10.81	88				GLOB	UNIF	WV	0	2		
1347	LOAD Z	803	903	21.63-	09	10.81-	08				GLOB	UNIF	WV	0	2		
1348	LOAD Y	806	906	0.00	144	10.81	134				GLOB	UNIF	WV	0	2		
1349	LOAD Z	806	906	0.00	25	10.81	22				GLOB	UNIF	WV	0	2		
1350	LOAD Y	806	906	10.81	134	10.81	122				GLOB	UNIF	WV	0	2		
1351	LOAD Z	806	906	10.81	22	10.81	20				GLOB	UNIF	WV	0	2		
1352	LOAD Y	806	906	21.63	122	10.81	113				GLOB	UNIF	WV	0	2		
1353	LOAD Z	806	906	21.63	20	10.81	19				GLOB	UNIF	WV	0	2		
1354	LOAD X	9011001		0.00-	03	10.81-	02				GLOB	UNIF	WV	0	2		
1355	LOAD Y	9011001		0.00	88	10.81	79				GLOB	UNIF	WV	0	2		
1356	LOAD Z	9011001		0.00-	08	10.81-	07				GLOB	UNIF	WV	0	2		
1357	LOAD X	9011001		10.81-	02	10.81-	1				GLOB	UNIF	WV	0	2		
1358	LOAD Y	9011001		10.81	79	10.81	71				GLOB	UNIF	WV	0	2		
1359	LOAD Z	9011001		10.81-	07	10.81-	06				GLOB	UNIF	WV	0	2		
1360	LOAD A	9011001		21.63-	1	4.03					GLOB	UNIF	WV	0	2		
1361	LOAD A	9011001		26.26		6.18	1				GLOB	UNIF	WV	0	2		
1362	LOAD Y	9011001		21.63	71	10.81	65				GLOB	UNIF	WV	0	2		
1363	LOAD Z	9011001		21.63-	06	10.81-	05				GLOB	UNIF	WV	0	2		
1364	LOAD A	9031003		0.00	03	10.81	02				GLOB	UNIF	WV	0	2		
1365	LOAD Y	9031003		0.00	88	10.81	79				GLOB	UNIF	WV	0	2		
1366	LOAD Z	9031003		0.00-	08	10.81-	07				GLOB	UNIF	WV	0	2		
1367	LOAD A	9031003		10.81	02	10.81	1				GLOB	UNIF	WV	0	2		
1368	LOAD Y	9031003		10.81	79	10.81	71				GLOB	UNIF	WV	0	2		
1369	LOAD Z	9031003		10.81-	07	10.81-	06				GLOB	UNIF	WV	0	2		
1370	LOAD A	9031003		21.63	1	4.03					GLOB	UNIF	WV	0	2		
1371	LOAD A	9031003		26.26		6.18-	1				GLOB	UNIF	WV	0	2		
1372	LOAD Y	9031003		21.63	71	10.81	65				GLOB	UNIF	WV	0	2		
1373	LOAD Z	9031003		21.63-	06	10.81-	05				GLOB	UNIF	WV	0	2		
1374	LOAD Y	9061006		0.00	113	16.22	104				GLOB	UNIF	WV	0	2		
1375	LOAD Z	9061006		0.00	19	16.22	17				GLOB	UNIF	WV	0	2		
1376	LOAD Y	9061006		16.22	104	16.22	100				GLOB	UNIF	WV	0	2		
1377	LOAD Z	9061006		16.22	17	16.22	17				GLOB	UNIF	WV	0	2		
1378	LOADCB	3															
1379	LOAD A	510	710	7.59-	135						GLOB	CONC	WN	0	3		
1380	LOAD Y	510	710					7.59-106399			GLOB	MOMT	WN	0	3		
1381	LOAD Y	510	710	7.59-	234						GLOB	CONC	WN	0	3		
1382	LOAD A	510	710					7.59 184288			GLOB	MOMT	WN	0	3		
1383	LOAD A	511	711	7.59-	135						GLOB	CONC	WN	0	3		
1384	LOAD Y	511	711					7.59-106399			GLOB	MOMT	WN	0	3		
1385	LOAD Y	511	711	7.59-	234						GLOB	CONC	WN	0	3		
1386	LOAD X	511	711					7.59 184288			GLOB	MOMT	WN	0	3		
1387	LOAD A	512	712	7.59-	135						GLOB	CONC	WN	0	3		
1388	LOAD Y	512	712					7.59-106399			GLOB	MOMT	WN	0	3		
1389	LOAD Y	512	712	7.59-	234						GLOB	CONC	WN	0	3		
1390	LOAD A	512	712					7.59 184288			GLOB	MOMT	WN	0	3		
1391	LOAD A	519	710	7.59-	137						GLOB	CONC	WN	0	3		
1392	LOAD Y	510	710					7.59- 98656			GLOB	MOMT	WN	0	3		

LINE NO.																			
1393	LOAD Y	510	710	7.59=	236								GLOB	CONC	WN	0	3		
1394	LOAD A	510	710							7.59	170M77		GLOB	MOMT	WN	0	3		
1395	LOAD A	511	711	7.59=	137								GLOB	CONC	WN	0	3		
1396	LOAD Y	511	711							7.59=	98656		GLOB	MOMT	WN	0	3		
1397	LOAD Y	511	711	7.59=	236								GLOB	CONC	WN	0	3		
1398	LOAD A	511	711							7.59	170M77		GLOB	MOMT	WN	0	3		
1399	LOAD A	512	712	7.59=	137								GLOB	CONC	WN	0	3		
1400	LOAD Y	512	712							7.59=	98656		GLOB	MOMT	WN	0	3		
1401	LOAD Y	512	712	7.59=	236								GLOB	CONC	WN	0	3		
1402	LOAD A	512	712							7.59	170M77		GLOB	MOMT	WN	0	3		
1403	LOAD A	201	303	30.95=	08	1.70=	09						GLOB	UNIF	WV	0	3		
1404	LOAD Y	201	303	30.95=	75	1.70=	81						GLOB	UNIF	WV	0	3		
1405	LOAD Z	201	303	30.95	16	1.70	18						GLOB	UNIF	WV	0	3		
1406	LOAD A	203	306	22.06=	11	3.53=	14						GLOB	UNIF	WV	0	3		
1407	LOAD Y	203	306	22.06=	20	3.53=	25						GLOB	UNIF	WV	0	3		
1408	LOAD Z	203	306	22.06=	44	3.53=	55						GLOB	UNIF	WV	0	3		
1409	LOAD A	203	306	25.59=	14	3.53=	17						GLOB	UNIF	WV	0	3		
1410	LOAD Y	203	306	25.59=	25	3.53=	29						GLOB	UNIF	WV	0	3		
1411	LOAD Z	203	306	25.59=	55	3.53=	65						GLOB	UNIF	WV	0	3		
1412	LOAD A	203	306	29.12=	17	3.53=	19						GLOB	UNIF	WV	0	3		
1413	LOAD Y	203	306	29.12=	29	3.53=	33						GLOB	UNIF	WV	0	3		
1414	LOAD Z	203	306	29.12=	65	3.53=	74						GLOB	UNIF	WV	0	3		
1415	LOAD A	206	301	20.80=	83	3.95=	102						GLOB	UNIF	WV	0	3		
1416	LOAD Y	206	301	20.80=	39	3.95=	55						GLOB	UNIF	WV	0	3		
1417	LOAD Z	206	301	20.80=	14	3.95=	07						GLOB	UNIF	WV	0	3		
1418	LOAD A	206	301	24.75=	102	3.95=	124						GLOB	UNIF	WV	0	3		
1419	LOAD Y	206	301	24.75=	55	3.95=	72						GLOB	UNIF	WV	0	3		
1420	LOAD Z	206	301	24.75=	07	3.84							GLOB	UNIF	WV	0	3		
1421	LOAD A	206	301	28.70=	124	3.95=	148						GLOB	UNIF	WV	0	3		
1422	LOAD Y	206	301	28.70=	72	3.95=	90						GLOB	UNIF	WV	0	3		
1423	LOAD Z	206	301	28.70		3.95	06						GLOB	UNIF	WV	0	3		
1424	LOAD A	301	403	0.00=	23	20.33=	35						GLOB	UNIF	WV	0	3		
1425	LOAD Y	301	403	0.00=	110	20.33=	141						GLOB	UNIF	WV	0	3		
1426	LOAD Z	301	403	0.00	23	20.33	34						GLOB	UNIF	WV	0	3		
1427	LOAD A	301	403	20.33=	35	20.33=	25						GLOB	UNIF	WV	0	3		
1428	LOAD Y	301	403	20.33=	141	20.33=	90						GLOB	UNIF	WV	0	3		
1429	LOAD Z	301	403	20.33	34	20.33	23						GLOB	UNIF	WV	0	3		
1430	LOAD Y	301	303	0.00=	90	9.07=	89						GLOB	UNIF	WV	0	3		
1431	LOAD Z	301	303	0.00=	11	9.07=	09						GLOB	UNIF	WV	0	3		
1432	LOAD Y	301	303	9.07=	89	9.07=	77						GLOB	UNIF	WV	0	3		
1433	LOAD Z	301	303	9.07=	09	9.07=	04						GLOB	UNIF	WV	0	3		
1434	LOAD Y	301	303	19.33=	77	9.07=	65						GLOB	UNIF	WV	0	3		
1435	LOAD Z	301	303	19.33=	04	7.65							GLOB	UNIF	WV	0	3		
1436	LOAD Z	301	303	26.99		2.01	1						GLOB	UNIF	WV	0	3		
1437	LOAD Z	303	306	0.00	1	1.01							GLOB	UNIF	WV	0	3		
1438	LOAD Z	303	306	1.01		0.00=	09						GLOB	UNIF	WV	0	3		
1439	LOAD Z	303	306	9.07=	09	9.07=	13						GLOB	UNIF	WV	0	3		
1440	LOAD Z	303	306	19.33=	13	9.07=	17						GLOB	UNIF	WV	0	3		
1441	LOAD A	301	306	0.00=	76	14.50=	81						GLOB	UNIF	WV	0	3		
1442	LOAD Y	301	306	0.00=	45	14.50=	47						GLOB	UNIF	WV	0	3		

| LINE NO. | | |

LINE NO.			1 1	2 2	3 3	4 4	5 5	6 6	7 7	8
			1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0							
1493	LOAD	Y	611 612	0.00=	39	16.01=	38	GLOB	UNIF	WV 0 3
1494	LOAD	Z	611 612	0.00=	03	16.01=	02	GLOB	UNIF	WV 0 3
1495	LOAD	Y	612 613	0.00=	38	16.01=	36	GLOB	UNIF	WV 0 3
1496	LOAD	Z	612 613	0.00=	02	16.01		GLOB	UNIF	WV 0 3
1497	LOAD	Y	661 662	0.00=	71	17.74=	66	GLOB	UNIF	WV 0 3
1498	LOAD	Z	661 662	0.00=	03	17.74=	1	GLOB	UNIF	WV 0 3
1499	LOAD	Y	662 663	0.00=	68	17.74=	64	GLOB	UNIF	WV 0 3
1500	LOAD	Z	662 663	0.00=	1	9.29		GLOB	UNIF	WV 0 3
1501	LOAD	Z	662 663	9.29		8.45	1	GLOB	UNIF	WV 0 3
1502	LOAD	X	611 661	0.00=	62	6.06=	57	GLOB	UNIF	WV 0 3
1503	LOAD	Y	611 661	0.00=	104	6.06=	95	GLOB	UNIF	WV 0 3
1504	LOAD	Z	611 661	0.00=	09	6.06=	08	GLOB	UNIF	WV 0 3
1505	LOAD	X	611 661	6.06=	57	6.06=	51	GLOB	UNIF	WV 0 3
1506	LOAD	Y	611 661	6.06=	95	6.06=	86	GLOB	UNIF	WV 0 3
1507	LOAD	Z	611 661	6.06=	08	6.06=	07	GLOB	UNIF	WV 0 3
1508	LOAD	X	612 662	0.00=	38	6.00=	34	GLOB	UNIF	WV 0 3
1509	LOAD	Y	612 662	0.00=	65	6.00=	59	GLOB	UNIF	WV 0 3
1510	LOAD	X	612 662	6.00=	34	6.00=	31	GLOB	UNIF	WV 0 3
1511	LOAD	Y	612 662	6.00=	59	6.00=	54	GLOB	UNIF	WV 0 3
1512	LOAD	X	613 663	0.00=	55	6.06=	50	GLOB	UNIF	WV 0 3
1513	LOAD	Y	613 663	0.00=	101	6.06=	92	GLOB	UNIF	WV 0 3
1514	LOAD	Z	613 663	0.00	08	6.06	07	GLOB	UNIF	WV 0 3
1515	LOAD	X	613 663	6.06=	50	6.06=	46	GLOB	UNIF	WV 0 3
1516	LOAD	Y	613 663	6.06=	92	6.06=	84	GLOB	UNIF	WV 0 3
1517	LOAD	Z	613 663	6.06	07	6.06	07	GLOB	UNIF	WV 0 3
1518	LOAD	X	501 622	0.00=	07	6.80=	06	GLOB	UNIF	WV 0 3
1519	LOAD	Y	501 622	0.00=	72	6.80=	66	GLOB	UNIF	WV 0 3
1520	LOAD	Z	501 622	0.00	15	6.80	14	GLOB	UNIF	WV 0 3
1521	LOAD	X	501 622	6.80=	06	6.80=	06	GLOB	UNIF	WV 0 3
1522	LOAD	Y	501 622	6.80=	68	6.80=	63	GLOB	UNIF	WV 0 3
1523	LOAD	Z	501 622	6.80	14	6.80	14	GLOB	UNIF	WV 0 3
1524	LOAD	X	501 622	13.61=	06	6.80=	06	GLOB	UNIF	WV 0 3
1525	LOAD	Y	501 622	13.61=	63	6.80=	58	GLOB	UNIF	WV 0 3
1526	LOAD	Z	501 622	13.61	14	6.80	13	GLOB	UNIF	WV 0 3
1527	LOAD	X	622 703	0.00=	11	7.26=	11	GLOB	UNIF	WV 0 3
1528	LOAD	Y	622 703	0.00=	86	7.26=	79	GLOB	UNIF	WV 0 3
1529	LOAD	Z	622 703	0.00	22	7.26	21	GLOB	UNIF	WV 0 3
1530	LOAD	X	622 703	7.26=	11	7.26=	10	GLOB	UNIF	WV 0 3
1531	LOAD	Y	622 703	7.26=	79	7.26=	73	GLOB	UNIF	WV 0 3
1532	LOAD	Z	622 703	7.26	21	7.26	20	GLOB	UNIF	WV 0 3
1533	LOAD	X	622 703	14.51=	10	7.26=	10	GLOB	UNIF	WV 0 3
1534	LOAD	Y	622 703	14.51=	73	7.26=	66	GLOB	UNIF	WV 0 3
1535	LOAD	Z	622 703	14.51	20	7.26	18	GLOB	UNIF	WV 0 3
1536	LOAD	X	503 625	0.00=	19	20.25=	17	GLOB	UNIF	WV 0 3
1537	LOAD	Y	503 625	0.00=	26	20.25=	24	GLOB	UNIF	WV 0 3
1538	LOAD	Z	503 625	0.00=	43	20.25=	40	GLOB	UNIF	WV 0 3
1539	LOAD	X	625 706	0.00=	24	10.96=	22	GLOB	UNIF	WV 0 3
1540	LOAD	Y	625 706	0.00=	54	10.96=	51	GLOB	UNIF	WV 0 3
1541	LOAD	Z	625 706	0.00=	56	10.96=	51	GLOB	UNIF	WV 0 3
1542	LOAD	X	625 706	10.96=	22	10.96=	20	GLOB	UNIF	WV 0 3

LINE NO.																	
1543	LOAD	Y	625	705	10.96-	31	10.96-	28				GLOB	UNIF		WY	0	3
1544	LOAD	Z	625	706	10.96-	51	10.96-	46				GLOB	UNIF		WY	0	3
1545	LOAD	X	506	624	0.00-	54	10.12-	54				GLOB	UNIF		WY	0	3
1546	LOAD	Y	506	624	0.00-	48	10.12-	43				GLOB	UNIF		WY	0	3
1547	LOAD	Z	506	624	0.00	09	10.12	09				GLOB	UNIF		WY	0	3
1548	LOAD	X	506	624	10.12-	53	10.12-	49				GLOB	UNIF		WY	0	3
1549	LOAD	Y	506	624	10.12-	43	10.12-	39				GLOB	UNIF		WY	0	3
1550	LOAD	Z	506	624	10.12	09	10.12	08				GLOB	UNIF		WY	0	3
1551	LOAD	X	624	701	0.00-	72	10.97-	64				GLOB	UNIF		WY	0	3
1552	LOAD	Y	624	701	0.00-	61	10.97-	55				GLOB	UNIF		WY	0	3
1553	LOAD	Z	624	701	0.00	15	10.97	14				GLOB	UNIF		WY	0	3
1554	LOAD	X	624	701	10.97-	64	10.97-	56				GLOB	UNIF		WY	0	3
1555	LOAD	Y	624	701	10.97-	55	10.97-	50				GLOB	UNIF		WY	0	3
1556	LOAD	Z	624	701	10.97	14	10.97	13				GLOB	UNIF		WY	0	3
1557	LOAD	Y	701	702	0.00-	48	18.76-	47				GLOB	UNIF		WY	0	3
1558	LOAD	Z	701	702	0.00-	02	18.76-	1				GLOB	UNIF		WY	0	3
1559	LOAD	Y	702	703	0.00-	47	18.76-	45				GLOB	UNIF		WY	0	3
1560	LOAD	Z	702	703	0.00-	1	18.76					GLOB	UNIF		WY	0	3
1561	LOAD	Z	703	705	0.00		6.25-	1				GLOB	UNIF		WY	0	3
1562	LOAD	Z	705	705	6.25-	1	6.25-	02				GLOB	UNIF		WY	0	3
1563	LOAD	Z	705	705	12.50-	02	6.25-	02				GLOB	UNIF		WY	0	3
1564	LOAD	Z	705	706	0.00-	02	9.38-	03				GLOB	UNIF		WY	0	3
1565	LOAD	Z	705	706	9.38-	03	9.38-	03				GLOB	UNIF		WY	0	3
1566	LOAD	X	701	704	0.00-	42	18.75-	42				GLOB	UNIF		WY	0	3
1567	LOAD	Y	701	704	0.00-	24	18.75-	24				GLOB	UNIF		WY	0	3
1568	LOAD	Z	701	704	0.00-	02	18.75-	03				GLOB	UNIF		WY	0	3
1569	LOAD	X	704	705	0.00-	42	18.76-	42				GLOB	UNIF		WY	0	3
1570	LOAD	Y	704	705	0.00-	24	18.76-	24				GLOB	UNIF		WY	0	3
1571	LOAD	Z	704	706	0.00-	03	18.76-	03				GLOB	UNIF		WY	0	3
1572	LOAD	Z	702	704	0.00-	1	6.25-	1				GLOB	UNIF		WY	0	3
1573	LOAD	Z	702	704	6.25-	1	6.25-	1				GLOB	UNIF		WY	0	3
1574	LOAD	Z	702	704	12.50-	1	6.25-	02				GLOB	UNIF		WY	0	3
1575	LOAD	X	702	705	0.00-	35	18.75-	36				GLOB	UNIF		WY	0	3
1576	LOAD	Y	702	705	0.00-	20	18.75-	21				GLOB	UNIF		WY	0	3
1577	LOAD	Z	702	705	0.00-	1	18.75-	1				GLOB	UNIF		WY	0	3
1578	LOAD	Y	706	705	0.00-	42	18.76-	42				GLOB	UNIF		WY	0	3
1579	LOAD	Z	706	705	0.00-	02	18.76-	1				GLOB	UNIF		WY	0	3
1580	LOAD	X	701	806	0.00-	55	16.72-	48				GLOB	UNIF		WY	0	3
1581	LOAD	Y	701	806	0.00-	48	16.72-	42				GLOB	UNIF		WY	0	3
1582	LOAD	Z	701	806	0.00-	27	16.72-	24				GLOB	UNIF		WY	0	3
1583	LOAD	X	701	806	16.72-	48	16.72-	41				GLOB	UNIF		WY	0	3
1584	LOAD	Y	701	806	16.72-	42	16.72-	37				GLOB	UNIF		WY	0	3
1585	LOAD	Z	701	806	16.72-	24	16.72-	21				GLOB	UNIF		WY	0	3
1586	LOAD	X	701	806	33.44-	41	16.72-	35				GLOB	UNIF		WY	0	3
1587	LOAD	Y	701	806	33.44-	37	16.72-	32				GLOB	UNIF		WY	0	3
1588	LOAD	Z	701	806	33.44-	21	16.72-	18				GLOB	UNIF		WY	0	3
1589	LOAD	X	703	801	0.00-	17	16.72-	16				GLOB	UNIF		WY	0	3
1590	LOAD	Y	703	801	0.00-	71	16.72-	64				GLOB	UNIF		WY	0	3
1591	LOAD	Z	703	801	0.00-	20	16.72-	19				GLOB	UNIF		WY	0	3
1592	LOAD	X	703	801	16.72-	16	16.72-	15				GLOB	UNIF		WY	0	3

LINE NO.																	
		1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																
1593	LOAD Y	703	801	16.72-	64	16.72-	57					GLOB	UNIF		WV	0	3
1594	LOAD Z	703	801	16.72-	19	16.72-	16					GLOB	UNIF		WV	0	3
1595	LOAD X	703	801	33.44-	15	16.72-	14					GLOB	UNIF		WV	0	3
1596	LOAD Y	703	801	33.44-	57	16.72-	51					GLOB	UNIF		WV	0	3
1597	LOAD Z	703	801	33.44-	18	16.72-	16					GLOB	UNIF		WV	0	3
1598	LOAD X	706	803	0.00-	06	16.72-	07					GLOB	UNIF		WV	0	3
1599	LOAD Y	706	803	0.00-	20	16.72-	16					GLOB	UNIF		WV	0	3
1600	LOAD Z	706	803	0.00	31	16.72	29					GLOB	UNIF		WV	0	3
1601	LOAD X	706	803	16.72-	07	16.72-	06					GLOB	UNIF		WV	0	3
1602	LOAD Y	706	803	16.72-	18	16.72-	16					GLOB	UNIF		WV	0	3
1603	LOAD Z	706	803	16.72	29	16.72	26					GLOB	UNIF		WV	0	3
1604	LOAD X	706	803	33.44-	06	16.72-	06					GLOB	UNIF		WV	0	3
1605	LOAD Y	706	803	33.44-	16	16.72-	14					GLOB	UNIF		WV	0	3
1606	LOAD Z	706	803	33.44	26	16.72	23					GLOB	UNIF		WV	0	3
1607	LOAD Y	801	802	0.00-	36	22.79-	35					GLOB	UNIF		WV	0	3
1608	LOAD Z	801	802	0.00-	02	22.79-	02					GLOB	UNIF		WV	0	3
1609	LOAD Y	802	803	0.00-	35	22.79-	33					GLOB	UNIF		WV	0	3
1610	LOAD Z	802	803	0.00-	02	22.79-	1					GLOB	UNIF		WV	0	3
1611	LOAD Z	803	805	0.00-	1	11.40-	02					GLOB	UNIF		WV	0	3
1612	LOAD Z	803	805	11.40-	02	11.40-	02					GLOB	UNIF		WV	0	3
1613	LOAD Z	805	806	0.00-	02	22.80-	03					GLOB	UNIF		WV	0	3
1614	LOAD X	801	804	0.00-	31	22.79-	31					GLOB	UNIF		WV	0	3
1615	LOAD Y	801	804	0.00-	18	22.79-	16					GLOB	UNIF		WV	0	3
1616	LOAD Z	801	804	0.00-	02	22.79-	02					GLOB	UNIF		WV	0	3
1617	LOAD X	804	806	0.00-	31	22.80-	30					GLOB	UNIF		WV	0	3
1618	LOAD Y	804	806	0.00-	18	22.80-	17					GLOB	UNIF		WV	0	3
1619	LOAD Z	804	806	0.00-	02	22.80-	03					GLOB	UNIF		WV	0	3
1620	LOAD Z	802	804	0.00-	1	7.60-	1					GLOB	UNIF		WV	0	3
1621	LOAD Z	802	804	7.60-	1	7.60-	1					GLOB	UNIF		WV	0	3
1622	LOAD Z	802	804	15.20-	1	7.60-	1					GLOB	UNIF		WV	0	3
1623	LOAD X	802	805	0.00-	24	22.80-	24					GLOB	UNIF		WV	0	3
1624	LOAD Y	802	805	0.00-	14	22.80-	14					GLOB	UNIF		WV	0	3
1625	LOAD Z	802	805	0.00-	1	22.80-	1					GLOB	UNIF		WV	0	3
1626	LOAD Y	804	805	0.00-	26	22.80-	26					GLOB	UNIF		WV	0	3
1627	LOAD Z	804	805	0.00-	1	22.80-	1					GLOB	UNIF		WV	0	3
1628	LOAD X	801	903	0.00-	04	19.87-	04					GLOB	UNIF		WV	0	3
1629	LOAD Y	801	903	0.00-	48	19.87-	42					GLOB	UNIF		WV	0	3
1630	LOAD Z	801	903	0.00	10	19.87	09					GLOB	UNIF		WV	0	3
1631	LOAD X	801	903	19.87-	04	19.87-	04					GLOB	UNIF		WV	0	3
1632	LOAD Y	801	903	19.87-	42	19.87-	37					GLOB	UNIF		WV	0	3
1633	LOAD Z	801	903	19.87	09	19.87	09					GLOB	UNIF		WV	0	3
1634	LOAD X	801	903	39.73-	04	19.87-	03					GLOB	UNIF		WV	0	3
1635	LOAD Y	801	903	39.73-	37	19.87-	33					GLOB	UNIF		WV	0	3
1636	LOAD Z	801	903	39.73	09	19.87	08					GLOB	UNIF		WV	0	3
1637	LOAD X	803	906	0.00-	10	19.87-	10					GLOB	UNIF		WV	0	3
1638	LOAD Y	803	906	0.00-	14	19.87-	14					GLOB	UNIF		WV	0	3
1639	LOAD Z	803	906	0.00-	27	19.87-	26					GLOB	UNIF		WV	0	3
1640	LOAD X	803	906	19.87-	10	19.87-	09					GLOB	UNIF		WV	0	3
1641	LOAD Y	803	906	19.87-	14	19.87-	12					GLOB	UNIF		WV	0	3
1642	LOAD Z	803	906	19.87-	26	19.87-	25					GLOB	UNIF		WV	0	3

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

 1043  LOAD X  903 906   39.73-  09  19.87-  07          GLOB UNIF    WV 0 3
 1044  LOAD Y  903 906   39.73-  12  19.87-  10          GLOB UNIF    WV 0 3
 1045  LOAD Z  903 906   39.73-  23  19.87-  19          GLOB UNIF    WV 0 3
 1046  LOAD X  906 901    0.00-  39  19.87-  35          GLOB UNIF    WV 0 3
 1047  LOAD Y  906 901    0.00-  30  19.87-  26          GLOB UNIF    WV 0 3
 1048  LOAD Z  906 901    0.00   07  19.87   06          GLOB UNIF    WV 0 3
 1049  LOAD X  906 901   19.87-  35  19.87-  31          GLOB UNIF    WV 0 3
 1050  LOAD Y  906 901   19.87-  28  19.87-  25          GLOB UNIF    WV 0 3
 1051  LOAD Z  906 901   19.87    06  19.87   06          GLOB UNIF    WV 0 3
 1052  LOAD X  906 901   39.74-  31  19.87-  28          GLOB UNIF    WV 0 3
 1053  LOAD Y  906 901   39.74-  25  19.87-  23          GLOB UNIF    WV 0 3
 1054  LOAD Z  906 901   39.74   06  19.87   06          GLOB UNIF    WV 0 3
 1055  LOAD Y  901 902    0.00-  29  27.42-  26          GLOB UNIF    WV 0 3
 1056  LOAD Z  901 902    0.00-  02  27.42-   1          GLOB UNIF    WV 0 3
 1057  LOAD Y  902 903    0.00-  28  27.42-  27          GLOB UNIF    WV 0 3
 1058  LOAD Z  902 903    0.00-   1  27.42-   1          GLOB UNIF    WV 0 3
 1059  LOAD Z  903 905    0.00-   1  27.41-  02          GLOB UNIF    WV 0 3
 1060  LOAD Z  905 906    0.00-  02  27.42-  02          GLOB UNIF    WV 0 3
 1061  LOAD X  901 904    0.00-  25  27.41-  25          GLOB UNIF    WV 0 3
 1062  LOAD Y  901 904    0.00-  14  27.41-  14          GLOB UNIF    WV 0 3
 1063  LOAD Z  901 904    0.00-  02  27.41-  02          GLOB UNIF    WV 0 3
 1064  LOAD X  904 906    0.00-  25  27.42-  24          GLOB UNIF    WV 0 3
 1065  LOAD Y  904 906    0.00-  14  27.42-  14          GLOB UNIF    WV 0 3
 1066  LOAD Z  904 906    0.00-  02  27.42-  02          GLOB UNIF    WV 0 3
 1067  LOAD Z  902 904    0.00       27.41-   1          GLOB UNIF    WV 0 3
 1068  LOAD X  902 905    0.00-  17  27.41-  17          GLOB UNIF    WV 0 3
 1069  LOAD Y  902 905    0.00-  10  27.41-  10          GLOB UNIF    WV 0 3
 1070  LOAD Y  904 905    0.00-  20  27.42-  20          GLOB UNIF    WV 0 3
 1071  LOAD Z  904 905    0.00-   1  27.42              GLOB UNIF    WV 0 3
 1072  LOAD X  9011002    0.00-  08  14.08-  08          GLOB UNIF    WV 0 3
 1073  LOAD Y  9011002    0.00-  31  14.08-  28          GLOB UNIF    WV 0 3
 1074  LOAD Z  9011002    0.00   10  14.08   09          GLOB UNIF    WV 0 3
 1075  LOAD X  9011002   14.08-  08  14.08-  08          GLOB UNIF    WV 0 3
 1076  LOAD Y  9011002   14.08-  28  14.08-  26          GLOB UNIF    WV 0 3
 1077  LOAD Z  9011002   14.08    09  14.08   09          GLOB UNIF    WV 0 3
 1078  LOAD X  9011002   28.15-  08  14.08-  07          GLOB UNIF    WV 0 3
 1079  LOAD Y  9011002   28.15-  26  14.08-  24          GLOB UNIF    WV 0 3
 1080  LOAD Z  9011002   28.15    09  14.08   08          GLOB UNIF    WV 0 3
 1081  LOAD X  9031002    0.00-  12  21.11-  11          GLOB UNIF    WV 0 3
 1082  LOAD Y  9031002    0.00-  31  21.11-  28          GLOB UNIF    WV 0 3
 1083  LOAD Z  9031002    0.00-  08  21.11-  07          GLOB UNIF    WV 0 3
 1084  LOAD X  9031002   21.11-  11  21.11-  09          GLOB UNIF    WV 0 3
 1085  LOAD Y  9031002   21.11-  28  21.11-  26          GLOB UNIF    WV 0 3
 1086  LOAD Z  9031002   21.11-  07  21.11-  06          GLOB UNIF    WV 0 3
 1087  LOAD X  9031005    0.00-  12  21.11-  11          GLOB UNIF    WV 0 3
 1088  LOAD Y  9031005    0.00-  17  21.11-  16          GLOB UNIF    WV 0 3
 1089  LOAD Z  9031005    0.00-  16  21.11-  16          GLOB UNIF    WV 0 3
 1090  LOAD X  9031005   21.11-  11  21.11-  10          GLOB UNIF    WV 0 3
 1091  LOAD Y  9031005   21.11-  16  21.11-  14          GLOB UNIF    WV 0 3
 1092  LOAD Z  9031005   21.11-  16  21.11-  15          GLOB UNIF    WV 0 3
```

LINE NO.										
1693	LOAD	X	9061005	0.00-	08	14.07-	08	GLOB	UNIF	WV 0 3
1694	LOAD	Y	9061005	0.00-	17	14.07-	17	GLOB	UNIF	WV 0 3
1695	LOAD	Z	9061005	0.00	16	14.07	16	GLOB	UNIF	WV 0 3
1696	LOAD	X	9061005	14.07-	08	14.07-	08	GLOB	UNIF	WV 0 3
1697	LOAD	Y	9061005	14.07-	17	14.07-	16	GLOB	UNIF	WV 0 3
1698	LOAD	Z	9061005	14.07	16	14.07	15	GLOB	UNIF	WV 0 3
1699	LOAD	X	9061005	28.15-	08	14.07-	07	GLOB	UNIF	WV 0 3
1700	LOAD	Y	9061005	28.15-	16	14.07-	15	GLOB	UNIF	WV 0 3
1701	LOAD	Z	9061005	28.15	15	14.07	15	GLOB	UNIF	WV 0 3
1702	LOAD	X	9011004	0.00-	22	14.08-	20	GLOB	UNIF	WV 0 3
1703	LOAD	Y	9011004	0.00-	25	14.08-	22	GLOB	UNIF	WV 0 3
1704	LOAD	Z	9011004	0.00-	11	14.08-	10	GLOB	UNIF	WV 0 3
1705	LOAD	X	9011004	14.08-	20	14.08-	19	GLOB	UNIF	WV 0 3
1706	LOAD	Y	9011004	14.08-	22	14.08-	20	GLOB	UNIF	WV 0 3
1707	LOAD	Z	9011004	14.08-	10	14.08-	09	GLOB	UNIF	WV 0 3
1708	LOAD	X	9011004	28.15-	19	14.08-	18	GLOB	UNIF	WV 0 3
1709	LOAD	Y	9011004	28.15-	20	14.08-	19	GLOB	UNIF	WV 0 3
1710	LOAD	Z	9011004	28.15-	09	14.08-	08	GLOB	UNIF	WV 0 3
1711	LOAD	X	9061004	0.00-	22	14.07-	20	GLOB	UNIF	WV 0 3
1712	LOAD	Y	9061004	0.00-	24	14.07-	23	GLOB	UNIF	WV 0 3
1713	LOAD	Z	9061004	0.00	06	14.07	06	GLOB	UNIF	WV 0 3
1714	LOAD	X	9061004	14.07-	20	14.07-	19	GLOB	UNIF	WV 0 3
1715	LOAD	Y	9061004	14.07-	23	14.07-	22	GLOB	UNIF	WV 0 3
1716	LOAD	Z	9061004	14.07	06	14.07	06	GLOB	UNIF	WV 0 3
1717	LOAD	X	9061004	28.15-	19	14.07-	18	GLOB	UNIF	WV 0 3
1718	LOAD	Y	9061004	28.15-	22	14.07-	21	GLOB	UNIF	WV 0 3
1719	LOAD	Z	9061004	28.15	06	14.07	06	GLOB	UNIF	WV 0 3
1720	LOAD	Y	10011002	0.00-	28	52.04-	26	GLOB	UNIF	WV 0 3
1721	LOAD	Y	10021003	0.00-	28	52.04-	27	GLOB	UNIF	WV 0 3
1722	LOAD	X	10011004	0.00-	25	52.04-	24	GLOB	UNIF	WV 0 3
1723	LOAD	Y	10011004	0.00-	14	52.04-	14	GLOB	UNIF	WV 0 3
1724	LOAD	X	10041006	0.00-	24	52.04-	22	GLOB	UNIF	WV 0 3
1725	LOAD	Y	10041006	0.00-	14	52.04-	13	GLOB	UNIF	WV 0 3
1726	LOAD	X	10021005	0.00-	17	52.04-	16	GLOB	UNIF	WV 0 3
1727	LOAD	Y	10021005	0.00-	10	52.04-	10	GLOB	UNIF	WV 0 3
1728	LOAD	Y	10041005	0.00-	20	52.04-	20	GLOB	UNIF	WV 0 3
1729	LOAD	X	201 301	10.40-	43	1.53-	56	GLOB	UNIF	WV 0 3
1730	LOAD	Y	201 301	10.40-	75	1.53-	97	GLOB	UNIF	WV 0 3
1731	LOAD	X	201 301	11.93-	56	1.53-	69	GLOB	UNIF	WV 0 3
1732	LOAD	Y	201 301	11.93-	97	1.53-	119	GLOB	UNIF	WV 0 3
1733	LOAD	X	201 301	13.47-	69	1.53-	81	GLOB	UNIF	WV 0 3
1734	LOAD	Y	201 301	13.47-	119	1.53-	141	GLOB	UNIF	WV 0 3
1735	LOAD	X	203 303	14.43-	57	.57-	61	GLOB	UNIF	WV 0 3
1736	LOAD	Y	203 303	14.43-	99	.57-	106	GLOB	UNIF	WV 0 3
1737	LOAD	X	206 306	8.08-	45	2.31-	58	GLOB	UNIF	WV 0 3
1738	LOAD	Y	206 306	8.08-	78	2.31-	100	GLOB	UNIF	WV 0 3
1739	LOAD	X	206 306	10.39-	56	2.31-	70	GLOB	UNIF	WV 0 3
1740	LOAD	Y	206 306	10.39-	100	2.31-	122	GLOB	UNIF	WV 0 3
1741	LOAD	X	206 306	12.69-	70	2.31-	83	GLOB	UNIF	WV 0 3
1742	LOAD	Y	206 306	12.69-	122	2.31-	144	GLOB	UNIF	WV 0 3

LINE NO.														
1743	LOAD	X	501	401	0.00=	81	14.25=	105			GLOB	UNIF	WV	0 3
1744	LOAD	Y	501	401	0.00=	141	14.25=	182			GLOB	UNIF	WV	0 3
1745	LOAD	X	501	401	14.25=	105	14.25=	73			GLOB	UNIF	WV	0 3
1746	LOAD	Y	501	401	14.25=	182	14.25=	127			GLOB	UNIF	WV	0 3
1747	LOAD	X	503	403	0.00=	81	14.25=	98			GLOB	UNIF	WV	0 3
1748	LOAD	Y	503	403	0.00=	106	14.25=	170			GLOB	UNIF	WV	0 3
1749	LOAD	X	503	403	14.25=	98	14.25=	72			GLOB	UNIF	WV	0 3
1750	LOAD	Y	503	403	14.25=	170	14.25=	125			GLOB	UNIF	WV	0 3
1751	LOAD	X	506	406	0.00=	83	14.25=	105			GLOB	UNIF	WV	0 3
1752	LOAD	Y	506	406	0.00=	144	14.25=	181			GLOB	UNIF	WV	0 3
1753	LOAD	X	506	406	14.25=	105	14.25=	71			GLOB	UNIF	WV	0 3
1754	LOAD	Y	506	406	14.25=	181	14.25=	122			GLOB	UNIF	WV	0 3
1755	LOAD	X	401	501	0.00=	132	4.56=	120			GLOB	UNIF	WV	0 3
1756	LOAD	Y	401	501	0.00=	206	4.56=	186			GLOB	UNIF	WV	0 3
1757	LOAD	Z	401	501	0.00=	02	4.56=	02			GLOB	UNIF	WV	0 3
1758	LOAD	X	403	503	0.00=	113	4.56=	102			GLOB	UNIF	WV	0 3
1759	LOAD	Y	403	503	0.00=	210	4.56=	190			GLOB	UNIF	WV	0 3
1760	LOAD	Z	403	503	0.00	34	4.56	31			GLOB	UNIF	WV	0 3
1761	LOAD	X	406	506	0.00=	113	4.56=	101			GLOB	UNIF	WV	0 3
1762	LOAD	Y	406	506	0.00=	205	4.56=	185			GLOB	UNIF	WV	0 3
1763	LOAD	Z	406	506	0.00=	34	4.56=	31			GLOB	UNIF	WV	0 3
1764	LOAD	X	501	601	0.00=	118	6.08=	107			GLOB	UNIF	WV	0 3
1765	LOAD	Y	501	601	0.00=	184	6.08=	165			GLOB	UNIF	WV	0 3
1766	LOAD	Z	501	601	0.00=	02	6.08=	02			GLOB	UNIF	WV	0 3
1767	LOAD	X	503	603	0.00=	101	6.08=	91			GLOB	UNIF	WV	0 3
1768	LOAD	Y	503	603	0.00=	188	6.08=	170			GLOB	UNIF	WV	0 3
1769	LOAD	Z	503	603	0.00	30	6.08	27			GLOB	UNIF	WV	0 3
1770	LOAD	X	506	606	0.00=	100	3.04=	95			GLOB	UNIF	WV	0 3
1771	LOAD	Y	506	606	0.00=	181	3.04=	171			GLOB	UNIF	WV	0 3
1772	LOAD	Z	506	606	0.00=	30	3.04=	29			GLOB	UNIF	WV	0 3
1773	LOAD	X	506	606	3.04=	95	3.04=	89			GLOB	UNIF	WV	0 3
1774	LOAD	Y	506	606	3.04=	171	3.04=	162			GLOB	UNIF	WV	0 3
1775	LOAD	Z	506	606	3.04=	29	3.04=	27			GLOB	UNIF	WV	0 3
1776	LOAD	X	601	621	0.00=	107	6.08=	97			GLOB	UNIF	WV	0 3
1777	LOAD	Y	601	621	0.00=	165	6.08=	150			GLOB	UNIF	WV	0 3
1778	LOAD	Z	601	621	0.00=	02	6.08=	02			GLOB	UNIF	WV	0 3
1779	LOAD	X	603	623	0.00=	91	6.08=	82			GLOB	UNIF	WV	0 3
1780	LOAD	Y	603	623	0.00=	170	6.08=	155			GLOB	UNIF	WV	0 3
1781	LOAD	Z	603	623	0.00	27	6.08	25			GLOB	UNIF	WV	0 3
1782	LOAD	X	606	626	0.00=	89	6.08=	80			GLOB	UNIF	WV	0 3
1783	LOAD	Y	606	626	0.00=	162	6.08=	145			GLOB	UNIF	WV	0 3
1784	LOAD	Z	606	626	0.00=	27	6.08=	24			GLOB	UNIF	WV	0 3
1785	LOAD	X	621	651	0.00=	152	6.08=	138			GLOB	UNIF	WV	0 3
1786	LOAD	Y	621	651	0.00=	223	6.08=	202			GLOB	UNIF	WV	0 3
1787	LOAD	Z	621	651	0.00=	03	6.08=	03			GLOB	UNIF	WV	0 3
1788	LOAD	X	623	653	0.00=	127	6.08=	115			GLOB	UNIF	WV	0 3
1789	LOAD	Y	623	653	0.00=	242	6.08=	220			GLOB	UNIF	WV	0 3
1790	LOAD	Z	623	653	0.00	36	6.08	33			GLOB	UNIF	WV	0 3
1791	LOAD	X	626	656	0.00=	114	3.04=	106			GLOB	UNIF	WV	0 3
1792	LOAD	Y	626	656	0.00=	214	3.04=	202			GLOB	UNIF	WV	0 3

LINE NO.																			
1793	LOAD	Z	626	656	0.00-	36	3.04-	34					GLOB	UNIF	WV	0	3		
1794	LOAD	X	626	656	3.04-	108	3.04-	102					GLOB	UNIF	WV	0	3		
1795	LOAD	Y	626	656	3.04-	202	3.04-	192					GLOB	UNIF	WV	0	3		
1796	LOAD	Z	626	656	3.04-	34	3.04-	32					GLOB	UNIF	WV	0	3		
1797	LOAD	X	651	701	0.00-	138	3.55-	131					GLOB	UNIF	WV	0	3		
1798	LOAD	Y	651	701	0.00-	202	3.55-	192					GLOB	UNIF	WV	0	3		
1799	LOAD	Z	651	701	0.00-	03	3.55-	03					GLOB	UNIF	WV	0	3		
1800	LOAD	X	651	701	3.55-	131	3.55-	124					GLOB	UNIF	WV	0	3		
1801	LOAD	Y	651	701	3.55-	192	3.55-	181					GLOB	UNIF	WV	0	3		
1802	LOAD	Z	651	701	3.55-	03	3.55-	03					GLOB	UNIF	WV	0	3		
1803	LOAD	X	653	703	0.00-	115	7.10-	104					GLOB	UNIF	WV	0	3		
1804	LOAD	Y	653	703	0.00-	220	7.10-	200					GLOB	UNIF	WV	0	3		
1805	LOAD	Z	653	703	0.00	35	7.10	32					GLOB	UNIF	WV	0	3		
1806	LOAD	X	656	706	0.00-	102	3.55-	96					GLOB	UNIF	WV	0	3		
1807	LOAD	Y	656	706	0.00-	192	3.55-	181					GLOB	UNIF	WV	0	3		
1808	LOAD	Z	656	706	0.00-	32	3.55-	30					GLOB	UNIF	WV	0	3		
1809	LOAD	X	656	706	3.55-	96	3.55-	90					GLOB	UNIF	WV	0	3		
1810	LOAD	Y	656	706	3.55-	181	3.55-	170					GLOB	UNIF	WV	0	3		
1811	LOAD	Z	656	706	3.55-	30	3.55-	28					GLOB	UNIF	WV	0	3		
1812	LOAD	X	701	801	0.00-	117	9.46-	102					GLOB	UNIF	WV	0	3		
1813	LOAD	Y	701	801	0.00-	172	9.46-	150					GLOB	UNIF	WV	0	3		
1814	LOAD	Z	701	801	0.00-	02	9.46-	02					GLOB	UNIF	WV	0	3		
1815	LOAD	X	701	801	9.46-	102	9.46-	90					GLOB	UNIF	WV	0	3		
1816	LOAD	Y	701	801	9.46-	150	9.46-	132					GLOB	UNIF	WV	0	3		
1817	LOAD	Z	701	801	9.46-	02	9.46-	02					GLOB	UNIF	WV	0	3		
1818	LOAD	X	701	801	18.92-	90	9.46-	79					GLOB	UNIF	WV	0	3		
1819	LOAD	Y	701	801	18.92-	132	9.46-	117					GLOB	UNIF	WV	0	3		
1820	LOAD	Z	701	801	18.92-	02	9.46-	02					GLOB	UNIF	WV	0	3		
1821	LOAD	X	703	803	0.00-	96	9.46-	86					GLOB	UNIF	WV	0	3		
1822	LOAD	Y	703	803	0.00-	167	9.46-	165					GLOB	UNIF	WV	0	3		
1823	LOAD	Z	703	803	0.00	30	9.46	26					GLOB	UNIF	WV	0	3		
1824	LOAD	X	703	803	9.46-	86	9.46-	77					GLOB	UNIF	WV	0	3		
1825	LOAD	Y	703	803	9.46-	165	9.46-	147					GLOB	UNIF	WV	0	3		
1826	LOAD	Z	703	803	9.46	26	9.46	23					GLOB	UNIF	WV	0	3		
1827	LOAD	X	703	803	18.92-	77	9.46-	69					GLOB	UNIF	WV	0	3		
1828	LOAD	Y	703	803	18.92-	147	9.46-	132					GLOB	UNIF	WV	0	3		
1829	LOAD	Z	703	803	18.92	23	9.46	21					GLOB	UNIF	WV	0	3		
1830	LOAD	X	706	806	0.00-	87	9.46-	74					GLOB	UNIF	WV	0	3		
1831	LOAD	Y	706	806	0.00-	162	9.46-	139					GLOB	UNIF	WV	0	3		
1832	LOAD	Z	706	806	0.00-	27	9.46-	23					GLOB	UNIF	WV	0	3		
1833	LOAD	X	706	806	9.46-	74	9.46-	63					GLOB	UNIF	WV	0	3		
1834	LOAD	Y	706	806	9.46-	139	9.46-	119					GLOB	UNIF	WV	0	3		
1835	LOAD	Z	706	806	9.46-	23	9.46-	20					GLOB	UNIF	WV	0	3		
1836	LOAD	X	706	806	18.92-	63	9.46-	55					GLOB	UNIF	WV	0	3		
1837	LOAD	Y	706	806	18.92-	119	9.46-	103					GLOB	UNIF	WV	0	3		
1838	LOAD	Z	706	806	18.92-	20	9.46-	17					GLOB	UNIF	WV	0	3		
1839	LOAD	X	801	901	0.00-	79	10.81-	69					GLOB	UNIF	WV	0	3		
1840	LOAD	Y	801	901	0.00-	117	10.81-	104					GLOB	UNIF	WV	0	3		
1841	LOAD	Z	801	901	0.00-	02	10.81-	1					GLOB	UNIF	WV	0	3		
1842	LOAD	X	801	901	10.81-	69	10.81-	61					GLOB	UNIF	WV	0	3		

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  1043  LOAD Y  901 901   10.81-   104  10.81-    93                    GLOB UNIF     WY  0  3
  1044  LOAD Z  901 901   10.81-     1  10.81-     1                    GLOB UNIF     WY  0  3
  1045  LOAD A  901 901   21.63-    61  10.81-    55                    GLOB UNIF     WY  0  3
  1046  LOAD Y  901 901   21.63-    93  10.81-    85                    GLOB UNIF     WY  0  3
  1047  LOAD Z  901 901   21.63-     1  10.81-     1                    GLOB UNIF     WY  0  3
  1048  LOAD A  903 903    0.00-    69  10.81-    63                    GLOB UNIF     WY  0  3
  1049  LOAD Y  903 903    0.00-   132  10.81-   119                    GLOB UNIF     WY  0  3
  1050  LOAD Z  903 903    0.00     21  10.81     19                    GLOB UNIF     WY  0  3
  1051  LOAD A  903 903   10.81-    63  10.81-    57                    GLOB UNIF     WY  0  3
  1052  LOAD Y  903 903   10.81-   119  10.81-   108                    GLOB UNIF     WY  0  3
  1053  LOAD Z  903 903   10.81     19  10.81     17                    GLOB UNIF     WY  0  3
  1054  LOAD A  903 903   21.63-    57  10.81-    54                    GLOB UNIF     WY  0  3
  1055  LOAD Y  903 903   21.63-   108  10.81-   100                    GLOB UNIF     WY  0  3
  1056  LOAD Z  903 903   21.63     17  10.81     16                    GLOB UNIF     WY  0  3
  1057  LOAD A  906 906    0.00-    55  10.81-    47                    GLOB UNIF     WY  0  3
  1058  LOAD Y  906 906    0.00-   103  10.81-    88                    GLOB UNIF     WY  0  3
  1059  LOAD Z  906 906    0.00-    17  10.81-    15                    GLOB UNIF     WY  0  3
  1060  LOAD A  906 906   10.81-    47  10.81-    41                    GLOB UNIF     WY  0  3
  1061  LOAD Y  906 906   10.81-    88  10.81-    76                    GLOB UNIF     WY  0  3
  1062  LOAD Z  906 906   10.81-    15  10.81-    13                    GLOB UNIF     WY  0  3
  1063  LOAD A  906 906   21.63-    41  10.81-    36                    GLOB UNIF     WY  0  3
  1064  LOAD Y  906 906   21.63-    76  10.81-    65                    GLOB UNIF     WY  0  3
  1065  LOAD Z  906 906   21.63-    13  10.81-    11                    GLOB UNIF     WY  0  3
  1066  LOAD A  9011001    0.00-    55  10.22-    47                    GLOB UNIF     WY  0  3
  1067  LOAD Y  9011001    0.00-    85  10.22-    76                    GLOB UNIF     WY  0  3
  1068  LOAD Z  9011001    0.00-     1  10.22                            GLOB UNIF     WY  0  3
  1069  LOAD A  9011001   10.22-    47  10.22-    41                    GLOB UNIF     WY  0  3
  1070  LOAD Y  9011001   10.22-    76  10.22-    71                    GLOB UNIF     WY  0  3
  1071  LOAD A  9031003    0.00-    54  10.22-    50                    GLOB UNIF     WY  0  3
  1072  LOAD Y  9031003    0.00-   100  10.22-    91                    GLOB UNIF     WY  0  3
  1073  LOAD Z  9031003    0.00     16  10.22     15                    GLOB UNIF     WY  0  3
  1074  LOAD A  9031003   10.22-    50  10.22-    49                    GLOB UNIF     WY  0  3
  1075  LOAD Y  9031003   10.22-    91  10.22-    87                    GLOB UNIF     WY  0  3
  1076  LOAD Z  9031003   10.22     15  10.22     14                    GLOB UNIF     WY  0  3
  1077  LOAD A  9061006    0.00-    36  10.22-    30                    GLOB UNIF     WY  0  3
  1078  LOAD Y  9061006    0.00-    65  10.22-    55                    GLOB UNIF     WY  0  3
  1079  LOAD Z  9061006    0.00-    11  10.22-    09                    GLOB UNIF     WY  0  3
  1080  LOAD A  9061006   10.22-    30  10.22-    26                    GLOB UNIF     WY  0  3
  1081  LOAD Y  9061006   10.22-    55  10.22-    45                    GLOB UNIF     WY  0  3
  1082  LOAD Z  9061006   10.22-    09  10.22-    07                    GLOB UNIF     WY  0  3
  1083  LOADCN  4
  1084  LOAD Y  510 710    7.59-   271                                   GLOB CONC     WN  0  4
  1085  LOAD A  510 710                                 7.59 212797 GLOB MOMT     WN  0  4
  1086  LOAD Y  511 711    7.59-   271                                   GLOB CONC     WN  0  4
  1087  LOAD A  511 711                                 7.59 212797 GLOB MOMT     WN  0  4
  1088  LOAD Y  512 712    7.59-   271                                   GLOB CONC     WN  0  4
  1089  LOAD A  512 712                                 7.59 212797 GLOB MOMT     WN  0  4
  1090  LOAD Y  510 710    7.59-   275                                   GLOB CONC     WN  0  4
  1091  LOAD A  510 710                                 7.59 197312 GLOB MOMT     WN  0  4
  1092  LOAD Y  511 711    7.59-   275                                   GLOB CONC     WN  0  4
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

 1893 LOAD A  511 711                                  7.59 197312 GLOB MOMT    WN 0 4
 1894 LOAD Y  512 712     7.59-   275                              GLOB CONC    WN 0 4
 1895 LOAD X  512 712                                  7.59 197312 GLOB MOMT    WN 0 4
 1896 LOAD A  201 303   22.07     07   3.53     07               GLOB UNIF    WV 0 4
 1897 LOAD Y  201 303   22.07-    66   3.53-    81               GLOB UNIF    WV 0 4
 1898 LOAD Z  201 303   22.07-    13   3.53-    13               GLOB UNIF    WV 0 4
 1899 LOAD X  201 303   25.60     07   3.53     07               GLOB UNIF    WV 0 4
 1900 LOAD Y  201 303   25.60-    87   3.53-   107               GLOB UNIF    WV 0 4
 1901 LOAD Z  201 303   25.60-    13   3.53-    13               GLOB UNIF    WV 0 4
 1902 LOAD X  201 303   29.12     07   3.53     07               GLOB UNIF    WV 0 4
 1903 LOAD Y  201 303   29.12-   107   3.53-   128               GLOB UNIF    WV 0 4
 1904 LOAD Z  201 303   29.12-    13   3.53-    14               GLOB UNIF    WV 0 4
 1905 LOAD X  203 306   21.69     21   3.65     24               GLOB UNIF    WV 0 4
 1906 LOAD Y  203 306   21.69-    41   3.65-    44               GLOB UNIF    WV 0 4
 1907 LOAD Z  203 306   21.69-    46   3.65-    51               GLOB UNIF    WV 0 4
 1908 LOAD A  203 306   25.34     24   3.65     27               GLOB UNIF    WV 0 4
 1909 LOAD Y  203 306   25.34-    44   3.65-    49               GLOB UNIF    WV 0 4
 1910 LOAD Z  203 306   25.34-    51   3.65-    55               GLOB UNIF    WV 0 4
 1911 LOAD X  203 306   28.99     27   3.65     32               GLOB UNIF    WV 0 4
 1912 LOAD Y  203 306   28.99-    49   3.65-    54               GLOB UNIF    WV 0 4
 1913 LOAD Z  203 306   28.99-    55   3.65-    60               GLOB UNIF    WV 0 4
 1914 LOAD A  206 301   21.88-    53   3.59-    59               GLOB UNIF    WV 0 4
 1915 LOAD Y  206 301   21.88-    33   3.59-    42               GLOB UNIF    WV 0 4
 1916 LOAD Z  206 301   21.88     04   3.59     14               GLOB UNIF    WV 0 4
 1917 LOAD X  206 301   25.47-    59   3.59-    68               GLOB UNIF    WV 0 4
 1918 LOAD Y  206 301   25.47-    42   3.59-    54               GLOB UNIF    WV 0 4
 1919 LOAD Z  206 301   25.47     14   3.59     25               GLOB UNIF    WV 0 4
 1920 LOAD A  206 301   29.06-    68   3.59-    77               GLOB UNIF    WV 0 4
 1921 LOAD Y  206 301   29.06-    54   3.59-    66               GLOB UNIF    WV 0 4
 1922 LOAD Z  206 301   29.06     25   3.59     37               GLOB UNIF    WV 0 4
 1923 LOAD X  301 403    0.00     09  40.66     08               GLOB UNIF    WV 0 4
 1924 LOAD Y  301 403    0.00-   128  40.66-   115               GLOB UNIF    WV 0 4
 1925 LOAD Z  301 403    0.00-    09  40.66-    08               GLOB UNIF    WV 0 4
 1926 LOAD Y  301 303    0.00-   105  29.00-   105               GLOB UNIF    WV 0 4
 1927 LOAD Z  301 303    0.00-    11  29.00-    11               GLOB UNIF    WV 0 4
 1928 LOAD A  303 306    0.00     46  29.00     40               GLOB UNIF    WV 0 4
 1929 LOAD Y  303 306    0.00-    26  29.00-    23               GLOB UNIF    WV 0 4
 1930 LOAD Z  303 306    0.00-    11  29.00-    19               GLOB UNIF    WV 0 4
 1931 LOAD A  301 306    0.00-    46  29.00-    40               GLOB UNIF    WV 0 4
 1932 LOAD Y  301 306    0.00-    26  29.00-    23               GLOB UNIF    WV 0 4
 1933 LOAD Z  301 306    0.00-    11  29.00-    19               GLOB UNIF    WV 0 4
 1934 LOAD Y  301 502    0.00-    66  15.15-    66               GLOB UNIF    WV 0 4
 1935 LOAD Z  301 502    0.00-    07  15.15-    07               GLOB UNIF    WV 0 4
 1936 LOAD Y  502 503    0.00-    66  15.15-    66               GLOB UNIF    WV 0 4
 1937 LOAD Z  502 503    0.00-    07  15.15-    07               GLOB UNIF    WV 0 4
 1938 LOAD A  503 505    0.00     29  15.15     29               GLOB UNIF    WV 0 4
 1939 LOAD Y  503 505    0.00-    17  15.15-    17               GLOB UNIF    WV 0 4
 1940 LOAD Z  503 505    0.00-    07  15.15-    06               GLOB UNIF    WV 0 4
 1941 LOAD A  505 506    0.00     29  15.15     27               GLOB UNIF    WV 0 4
 1942 LOAD Y  505 506    0.00-    17  15.15-    16               GLOB UNIF    WV 0 4
```

| LINE NO. | | |

LINE NO.																			
1993	LOAD	Y	501	622	0.00-	85	10.21-	77					GLOB	UNIF		WY	0	4	
1994	LOAD	Z	501	622	0.00-	05	10.21-	05					GLOB	UNIF		WY	0	4	
1995	LOAD	X	501	622	10.21	08	10.21	07					GLOB	UNIF		WY	0	4	
1996	LOAD	Y	501	622	10.21-	77	10.21-	70					GLOB	UNIF		WY	0	4	
1997	LOAD	Z	501	622	10.21-	05	10.21-	04					GLOB	UNIF		WY	0	4	
1998	LOAD	X	622	703	0.09	09	10.69	06					GLOB	UNIF		WY	0	4	
1999	LOAD	Y	622	703	0.00-	104	10.69-	93					GLOB	UNIF		WY	0	4	
2000	LOAD	Z	622	703	0.00-	03	10.69-	03					GLOB	UNIF		WY	0	4	
2001	LOAD	X	622	703	10.69	08	10.69	07					GLOB	UNIF		WY	0	4	
2002	LOAD	Y	622	703	10.69-	93	10.69-	84					GLOB	UNIF		WY	0	4	
2003	LOAD	Z	622	703	10.69-	03	10.69-	03					GLOB	UNIF		WY	0	4	
2004	LOAD	X	503	625	0.00	20	10.13	17					GLOB	UNIF		WY	0	4	
2005	LOAD	Y	503	625	0.00-	46	10.13-	42					GLOB	UNIF		WY	0	4	
2006	LOAD	Z	503	625	0.00-	44	10.13-	40					GLOB	UNIF		WY	0	4	
2007	LOAD	X	503	625	10.13	17	10.13	15					GLOB	UNIF		WY	0	4	
2008	LOAD	Y	503	625	10.13-	42	10.13-	38					GLOB	UNIF		WY	0	4	
2009	LOAD	Z	503	625	10.13-	40	10.13-	37					GLOB	UNIF		WY	0	4	
2010	LOAD	X	625	706	0.00	24	7.31	22					GLOB	UNIF		WY	0	4	
2011	LOAD	Y	625	706	0.00-	55	7.31-	50					GLOB	UNIF		WY	0	4	
2012	LOAD	Z	625	706	0.00-	52	7.31-	46					GLOB	UNIF		WY	0	4	
2013	LOAD	X	625	706	7.31	22	7.31	20					GLOB	UNIF		WY	0	4	
2014	LOAD	Y	625	706	7.31-	50	7.31-	46					GLOB	UNIF		WY	0	4	
2015	LOAD	Z	625	706	7.31-	48	7.31-	44					GLOB	UNIF		WY	0	4	
2016	LOAD	X	625	706	14.62	20	7.31	18					GLOB	UNIF		WY	0	4	
2017	LOAD	Y	625	706	14.62-	46	7.31-	42					GLOB	UNIF		WY	0	4	
2018	LOAD	Z	625	706	14.62-	44	7.31-	40					GLOB	UNIF		WY	0	4	
2019	LOAD	X	506	624	0.00-	27	10.12-	25					GLOB	UNIF		WY	0	4	
2020	LOAD	Y	506	624	0.00-	38	10.12-	35					GLOB	UNIF		WY	0	4	
2021	LOAD	Z	506	624	0.00	22	10.12	21					GLOB	UNIF		WY	0	4	
2022	LOAD	X	506	624	10.12-	25	10.12-	24					GLOB	UNIF		WY	0	4	
2023	LOAD	Y	506	624	10.12-	35	10.12-	33					GLOB	UNIF		WY	0	4	
2024	LOAD	Z	506	624	10.12	21	10.12	20					GLOB	UNIF		WY	0	4	
2025	LOAD	X	624	701	0.00-	34	7.31-	32					GLOB	UNIF		WY	0	4	
2026	LOAD	Y	624	701	0.00-	53	7.31-	49					GLOB	UNIF		WY	0	4	
2027	LOAD	Z	624	701	0.00	34	7.31	32					GLOB	UNIF		WY	0	4	
2028	LOAD	X	624	701	7.31-	32	7.31-	30					GLOB	UNIF		WY	0	4	
2029	LOAD	Y	624	701	7.31-	49	7.31-	46					GLOB	UNIF		WY	0	4	
2030	LOAD	Z	624	701	7.31	32	7.31	30					GLOB	UNIF		WY	0	4	
2031	LOAD	X	624	701	14.62-	30	7.31-	28					GLOB	UNIF		WY	0	4	
2032	LOAD	Y	624	701	14.62-	46	7.31-	43					GLOB	UNIF		WY	0	4	
2033	LOAD	Z	624	701	14.62	30	7.31	28					GLOB	UNIF		WY	0	4	
2034	LOAD	Y	701	702	0.00-	58	10.76-	56					GLOB	UNIF		WY	0	4	
2035	LOAD	Z	701	702	0.00-	02	10.76-	02					GLOB	UNIF		WY	0	4	
2036	LOAD	Y	702	703	0.00-	58	10.76-	56					GLOB	UNIF		WY	0	4	
2037	LOAD	Z	702	703	0.00-	02	10.76-	02					GLOB	UNIF		WY	0	4	
2038	LOAD	X	703	705	0.00	24	10.75	24					GLOB	UNIF		WY	0	4	
2039	LOAD	Y	703	705	0.00-	14	10.75-	14					GLOB	UNIF		WY	0	4	
2040	LOAD	Z	703	705	0.00-	02	10.75-	03					GLOB	UNIF		WY	0	4	
2041	LOAD	X	705	706	0.00	24	10.76	23					GLOB	UNIF		WY	0	4	
2042	LOAD	Y	705	706	0.00-	14	10.76-	13					GLOB	UNIF		WY	0	4	

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    2043 LOAD Z  705 706   0.00-  05  18.76-  03                GLOB UNIF  WV 0 4
    2044 LOAD A  701 704   0.00-  24  18.75-  24                GLOB UNIF  WV 0 4
    2045 LOAD Y  701 704   0.00-  14  18.75-  14                GLOB UNIF  WV 0 4
    2046 LOAD Z  701 704   0.00-  02  18.75-  03                GLOB UNIF  WV 0 4
    2047 LOAD A  704 706   0.00-  24  18.76-  23                GLOB UNIF  WV 0 4
    2048 LOAD Y  704 706   0.00-  14  18.76-  15                GLOB UNIF  WV 0 4
    2049 LOAD Z  704 706   0.00-  05  18.76-  03                GLOB UNIF  WV 0 4
    2050 LOAD A  702 704   0.00     21  18.75   21                GLOB UNIF  WV 0 4
    2051 LOAD Y  702 704   0.00-  12  18.75-  12                GLOB UNIF  WV 0 4
    2052 LOAD Z  702 704   0.00-   1  18.75-  02                GLOB UNIF  WV 0 4
    2053 LOAD A  702 705   0.00-  21  18.75-  21                GLOB UNIF  WV 0 4
    2054 LOAD Y  702 705   0.00-  12  18.75-  12                GLOB UNIF  WV 0 4
    2055 LOAD Z  702 705   0.00-   1  18.75-  02                GLOB UNIF  WV 0 4
    2056 LOAD Y  704 705   0.00-  49  18.76-  49                GLOB UNIF  WV 0 4
    2057 LOAD Z  704 702   0.20-  02  18.76-  02                GLOB UNIF  WV 0 4
    2058 LOAD A  701 806   0.00-  22  18.72-  19                GLOB UNIF  WV 0 4
    2059 LOAD Y  701 806   0.00-  42  18.72-  37                GLOB UNIF  WV 0 4
    2060 LOAD Z  701 806   0.00-  41  18.72-  36                GLOB UNIF  WV 0 4
    2061 LOAD A  701 806  18.72-  19  18.72-  15                GLOB UNIF  WV 0 4
    2062 LOAD Y  701 806  18.72-  37  18.72-  31                GLOB UNIF  WV 0 4
    2063 LOAD Z  701 806  18.72-  36  18.72-  31                GLOB UNIF  WV 0 4
    2064 LOAD A  701 805  33.44-  15  18.72-  13                GLOB UNIF  WV 0 4
    2065 LOAD Y  701 805  33.44-  31  18.72-  26                GLOB UNIF  WV 0 4
    2066 LOAD Z  701 806  33.44-  31  18.72-  26                GLOB UNIF  WV 0 4
    2067 LOAD A  703 801   0.00-  87  18.72-  06                GLOB UNIF  WV 0 4
    2068 LOAD Y  703 801   0.00-  84  18.72-  74                GLOB UNIF  WV 0 4
    2069 LOAD Z  703 801   0.00-  04  18.72-  03                GLOB UNIF  WV 0 4
    2070 LOAD A  703 801  18.72-  06  18.72-  06                GLOB UNIF  WV 0 4
    2071 LOAD Y  703 801  18.72-  74  18.72-  65                GLOB UNIF  WV 0 4
    2072 LOAD Z  703 801  18.72-  03  18.72-  03                GLOB UNIF  WV 0 4
    2073 LOAD A  703 801  33.44-  06  18.72-  05                GLOB UNIF  WV 0 4
    2074 LOAD Y  703 801  33.44-  65  18.72-  57                GLOB UNIF  WV 0 4
    2075 LOAD Z  703 801  33.44-  03  18.72-  02                GLOB UNIF  WV 0 4
    2076 LOAD A  706 803   0.00     27  18.72   25                GLOB UNIF  WV 0 4
    2077 LOAD Y  706 803   0.00-  36  18.72-  34                GLOB UNIF  WV 0 4
    2078 LOAD Z  706 803   0.00     25  18.72   22                GLOB UNIF  WV 0 4
    2079 LOAD A  706 803  18.72     25  18.72   22                GLOB UNIF  WV 0 4
    2080 LOAD Y  706 803  18.72-  34  18.72-  31                GLOB UNIF  WV 0 4
    2081 LOAD Z  706 803  18.72     22  18.72   20                GLOB UNIF  WV 0 4
    2082 LOAD A  706 803  33.44     22  18.72   20                GLOB UNIF  WV 0 4
    2083 LOAD Y  706 803  33.44-  31  18.72-  28                GLOB UNIF  WV 0 4
    2084 LOAD Z  706 803  33.44     20  18.72   18                GLOB UNIF  WV 0 4
    2085 LOAD Y  801 802   0.00-  41  22.79-  41                GLOB UNIF  WV 0 4
    2086 LOAD Z  801 802   0.00-  02  22.79-  02                GLOB UNIF  WV 0 4
    2087 LOAD Y  802 803   0.00-  41  22.79-  41                GLOB UNIF  WV 0 4
    2088 LOAD Z  802 803   0.00-  02  22.79-  02                GLOB UNIF  WV 0 4
    2089 LOAD A  803 805   0.00     18  22.79   18                GLOB UNIF  WV 0 4
    2090 LOAD Y  803 805   0.00-  10  22.79-  10                GLOB UNIF  WV 0 4
    2091 LOAD Z  803 805   0.00-  02  22.79-  02                GLOB UNIF  WV 0 4
    2092 LOAD A  805 806   0.00     18  22.00   17                GLOB UNIF  WV 0 4
```

LINE NO.																			
2093	LOAD	Y	805	806	0.00-	10	22.60-	10					GLOB	UNIF		WY	0	4	
2094	LOAD	Z	805	806	0.00-	02	22.60-	03					GLOB	UNIF		WY	0	4	
2095	LOAD	X	801	804	0.00-	18	22.79-	18					GLOB	UNIF		WY	0	4	
2096	LOAD	Y	801	804	0.00-	10	22.79-	10					GLOB	UNIF		WY	0	4	
2097	LOAD	Z	801	804	0.00-	02	22.79-	02					GLOB	UNIF		WY	0	4	
2098	LOAD	X	804	806	0.00-	18	22.60-	17					GLOB	UNIF		WY	0	4	
2099	LOAD	Y	804	806	0.00-	10	22.60-	10					GLOB	UNIF		WY	0	4	
2100	LOAD	Z	804	806	0.00-	02	22.60-	03					GLOB	UNIF		WY	0	4	
2101	LOAD	X	802	804	0.00	14	22.80	14					GLOB	UNIF		WY	0	4	
2102	LOAD	Y	802	804	0.00-	08	22.80-	08					GLOB	UNIF		WY	0	4	
2103	LOAD	Z	802	804	0.00-	1	22.80-	1					GLOB	UNIF		WY	0	4	
2104	LOAD	X	802	805	0.00-	14	22.80-	14					GLOB	UNIF		WY	0	4	
2105	LOAD	Y	802	805	0.00-	08	22.80-	08					GLOB	UNIF		WY	0	4	
2106	LOAD	Z	802	805	0.00-	1	22.80-	1					GLOB	UNIF		WY	0	4	
2107	LOAD	Y	804	805	0.00-	33	22.80-	33					GLOB	UNIF		WY	0	4	
2108	LOAD	Z	804	805	0.00-	1	22.80-	1					GLOB	UNIF		WY	0	4	
2109	LOAD	X	801	903	0.00	05	19.87	04					GLOB	UNIF		WY	0	4	
2110	LOAD	Y	801	903	0.00-	57	19.87-	51					GLOB	UNIF		WY	0	4	
2111	LOAD	Z	801	903	0.00-	03	19.87-	02					GLOB	UNIF		WY	0	4	
2112	LOAD	X	801	903	19.87	04	19.87	03					GLOB	UNIF		WY	0	4	
2113	LOAD	Y	801	903	19.87-	51	19.87-	45					GLOB	UNIF		WY	0	4	
2114	LOAD	Z	801	903	19.87-	02	19.87-	02					GLOB	UNIF		WY	0	4	
2115	LOAD	X	801	903	39.73	03	19.87	03					GLOB	UNIF		WY	0	4	
2116	LOAD	Y	801	903	39.73-	45	19.87-	41					GLOB	UNIF		WY	0	4	
2117	LOAD	Z	801	903	39.73-	02	19.87-	1					GLOB	UNIF		WY	0	4	
2118	LOAD	X	803	906	0.00	15	19.87	13					GLOB	UNIF		WY	0	4	
2119	LOAD	Y	803	906	0.00-	27	19.87-	24					GLOB	UNIF		WY	0	4	
2120	LOAD	Z	803	906	0.00-	27	19.87-	24					GLOB	UNIF		WY	0	4	
2121	LOAD	X	803	906	19.87	13	19.87	11					GLOB	UNIF		WY	0	4	
2122	LOAD	Y	803	906	19.87-	24	19.87-	20					GLOB	UNIF		WY	0	4	
2123	LOAD	Z	803	906	19.87-	24	19.87-	20					GLOB	UNIF		WY	0	4	
2124	LOAD	X	803	906	39.73	11	19.87	09					GLOB	UNIF		WY	0	4	
2125	LOAD	Y	803	906	39.73-	20	19.87-	16					GLOB	UNIF		WY	0	4	
2126	LOAD	Z	803	906	39.73-	20	19.87-	16					GLOB	UNIF		WY	0	4	
2127	LOAD	X	806	901	0.00-	18	19.87-	17					GLOB	UNIF		WY	0	4	
2128	LOAD	Y	806	901	0.00-	23	19.87-	22					GLOB	UNIF		WY	0	4	
2129	LOAD	Z	806	901	0.00	15	19.87	15					GLOB	UNIF		WY	0	4	
2130	LOAD	X	806	901	19.87-	17	19.87-	16					GLOB	UNIF		WY	0	4	
2131	LOAD	Y	806	901	19.87-	22	19.87-	21					GLOB	UNIF		WY	0	4	
2132	LOAD	Z	806	901	19.87	15	19.87	14					GLOB	UNIF		WY	0	4	
2133	LOAD	X	806	901	39.74-	16	19.87-	14					GLOB	UNIF		WY	0	4	
2134	LOAD	Y	806	901	39.74-	21	19.87-	19					GLOB	UNIF		WY	0	4	
2135	LOAD	Z	806	901	39.74	14	19.87	13					GLOB	UNIF		WY	0	4	
2136	LOAD	Y	901	902	0.00-	33	27.42-	33					GLOB	UNIF		WY	0	4	
2137	LOAD	Z	901	902	0.00-	1	27.42-	1					GLOB	UNIF		WY	0	4	
2138	LOAD	Y	902	903	0.00-	33	27.42-	33					GLOB	UNIF		WY	0	4	
2139	LOAD	Z	902	903	0.00-	1	27.42-	1					GLOB	UNIF		WY	0	4	
2140	LOAD	X	903	905	0.00	14	27.41	14					GLOB	UNIF		WY	0	4	
2141	LOAD	Y	903	905	0.00-	08	27.41-	08					GLOB	UNIF		WY	0	4	
2142	LOAD	Z	903	905	0.00-	1	27.41-	02					GLOB	UNIF		WY	0	4	

| LINE NO. | | |

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

 2193 LOAD A  9061005   28.15    06  14.07    06          GLOB UNIF     WV 0 4
 2194 LOAD Y  9061005   28.15-   21  14.07-   21          GLOB UNIF     WV 0 4
 2195 LOAD Z  9061005   28.15    12  14.07    12          GLOB UNIF     WV 0 4
 2196 LOAD A  9011004    0.00-   05  14.08-   05          GLOB UNIF     WV 0 4
 2197 LOAD Y  9011004    0.00-   25  14.08-   22          GLOB UNIF     WV 0 4
 2198 LOAD Z  9011004    0.00-   17  14.08-   16          GLOB UNIF     WV 0 4
 2199 LOAD A  9011004   14.08-   05  14.08-   05          GLOB UNIF     WV 0 4
 2200 LOAD Y  9011004   14.08-   22  14.08-   20          GLOB UNIF     WV 0 4
 2201 LOAD Z  9011004   14.08-   16  14.08-   14          GLOB UNIF     WV 0 4
 2202 LOAD A  9011004   28.15-   05  14.08-   05          GLOB UNIF     WV 0 4
 2203 LOAD Y  9011004   28.15-   20  14.08-   19          GLOB UNIF     WV 0 4
 2204 LOAD Z  9011004   28.15-   14  14.08-   13          GLOB UNIF     WV 0 4
 2205 LOAD A  9061004    0.00-   07  14.07-   07          GLOB UNIF     WV 0 4
 2206 LOAD Y  9061004    0.00-   22  14.07-   22          GLOB UNIF     WV 0 4
 2207 LOAD Z  9061004    0.00    12  14.07    12          GLOB UNIF     WV 0 4
 2208 LOAD A  9061004   14.07-   07  14.07-   06          GLOB UNIF     WV 0 4
 2209 LOAD Y  9061004   14.07-   22  14.07-   21          GLOB UNIF     WV 0 4
 2210 LOAD Z  9061004   14.07    12  14.07    12          GLOB UNIF     WV 0 4
 2211 LOAD A  9061004   28.15-   06  14.07-   06          GLOB UNIF     WV 0 4
 2212 LOAD Y  9061004   28.15-   21  14.07-   21          GLOB UNIF     WV 0 4
 2213 LOAD Z  9061004   28.15    12  14.07    12          GLOB UNIF     WV 0 4
 2214 LOAD Y 10011002    0.00-   53  32.04-   33          GLOB UNIF     WV 0 4
 2215 LOAD Y 10021003    0.00-   53  32.04-   33          GLOB UNIF     WV 0 4
 2216 LOAD A 10051005    0.00    14  32.04    14          GLOB UNIF     WV 0 4
 2217 LOAD Y 10051005    0.00-   08  32.04-   08          GLOB UNIF     WV 0 4
 2218 LOAD A 10051006    0.00    14  32.04    11          GLOB UNIF     WV 0 4
 2219 LOAD Y 10051006    0.00-   08  32.04-   07          GLOB UNIF     WV 0 4
 2220 LOAD A 10011004    0.00-   14  32.04-   14          GLOB UNIF     WV 0 4
 2221 LOAD Y 10011004    0.00-   08  32.04-   08          GLOB UNIF     WV 0 4
 2222 LOAD A 10041006    0.00-   14  32.04-   11          GLOB UNIF     WV 0 4
 2223 LOAD Y 10041006    0.00-   08  32.04-   07          GLOB UNIF     WV 0 4
 2224 LOAD A 10021004    0.00    10  32.04    10          GLOB UNIF     WV 0 4
 2225 LOAD Y 10021004    0.00-   06  32.04-   06          GLOB UNIF     WV 0 4
 2226 LOAD A 10021005    0.00-   10  32.04-   10          GLOB UNIF     WV 0 4
 2227 LOAD Y 10021005    0.00-   06  32.04-   06          GLOB UNIF     WV 0 4
 2228 LOAD Y 10041005    0.00-   23  32.04-   23          GLOB UNIF     WV 0 4
 2229 LOAD Y  201 301   10.14-   86   1.62-  112          GLOB UNIF     WV 0 4
 2230 LOAD Y  201 301   11.76-  112   1.62-  138          GLOB UNIF     WV 0 4
 2231 LOAD Y  201 301   13.38-  138   1.62-  163          GLOB UNIF     WV 0 4
 2232 LOAD Y  203 303   10.14-   86   1.62-  112          GLOB UNIF     WV 0 4
 2233 LOAD Y  203 303   11.76-  112   1.62-  138          GLOB UNIF     WV 0 4
 2234 LOAD Y  203 303   13.38-  138   1.62-  163          GLOB UNIF     WV 0 4
 2235 LOAD Y  206 306    9.88-   53   1.71-   80          GLOB UNIF     WV 0 4
 2236 LOAD Y  206 306   11.54-   80   1.71-  107          GLOB UNIF     WV 0 4
 2237 LOAD Y  206 306   13.29-  107   1.71-  135          GLOB UNIF     WV 0 4
 2238 LOAD Y  301 401    0.00-  165  14.25-  210          GLOB UNIF     WV 0 4
 2239 LOAD Y  301 401   14.25-  210  14.25-  146          GLOB UNIF     WV 0 4
 2240 LOAD Y  303 403    0.00-  165  14.25-  210          GLOB UNIF     WV 0 4
 2241 LOAD Y  303 403   14.25-  210  14.25-  146          GLOB UNIF     WV 0 4
 2242 LOAD Y  306 406    0.00-  135  14.25-  186          GLOB UNIF     WV 0 4
```

LINE NO.																	
	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8		
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																
2243	LOAD Y	506	406	14.25-	188	14.25-	120							GLOB	UNIF	WV	0 4
2244	LOAD A	401	501	0.00-	13	4.56-	12							GLOB	UNIF	WV	0 4
2245	LOAD Y	401	501	0.00-	235	4.56-	213							GLOB	UNIF	WV	0 4
2246	LOAD Z	401	501	0.00	16	4.56	16							GLOB	UNIF	WV	0 4
2247	LOAD A	403	503	0.00	13	4.56	12							GLOB	UNIF	WV	0 4
2248	LOAD Y	403	503	0.00-	235	4.56-	213							GLOB	UNIF	WV	0 4
2249	LOAD Z	403	503	0.00	18	4.56	16							GLOB	UNIF	WV	0 4
2250	LOAD Y	406	506	0.00-	205	4.56-	185							GLOB	UNIF	WV	0 4
2251	LOAD Z	406	506	0.00-	34	4.56-	30							GLOB	UNIF	WV	0 4
2252	LOAD A	501	601	0.00-	12	6.08-	11							GLOB	UNIF	WV	0 4
2253	LOAD Y	501	601	0.00-	210	6.08-	189							GLOB	UNIF	WV	0 4
2254	LOAD Z	501	601	0.00	16	6.08	14							GLOB	UNIF	WV	0 4
2255	LOAD A	503	603	0.00	12	6.08	11							GLOB	UNIF	WV	0 4
2256	LOAD Y	503	603	0.00-	210	6.08-	189							GLOB	UNIF	WV	0 4
2257	LOAD Z	503	603	0.00	16	6.08	14							GLOB	UNIF	WV	0 4
2258	LOAD Y	506	606	0.00-	181	6.08-	161							GLOB	UNIF	WV	0 4
2259	LOAD Z	506	606	0.00-	30	6.08-	27							GLOB	UNIF	WV	0 4
2260	LOAD A	601	621	0.00-	11	6.08-	10							GLOB	UNIF	WV	0 4
2261	LOAD Y	601	621	0.00-	189	6.08-	172							GLOB	UNIF	WV	0 4
2262	LOAD Z	601	621	0.00	14	6.08	13							GLOB	UNIF	WV	0 4
2263	LOAD A	603	623	0.00	11	6.08	10							GLOB	UNIF	WV	0 4
2264	LOAD Y	603	623	0.00-	189	6.08-	172							GLOB	UNIF	WV	0 4
2265	LOAD Z	603	623	0.00	14	6.08	13							GLOB	UNIF	WV	0 4
2266	LOAD Y	606	626	0.00-	161	6.08-	145							GLOB	UNIF	WV	0 4
2267	LOAD Z	606	626	0.00-	27	6.08-	24							GLOB	UNIF	WV	0 4
2268	LOAD A	621	651	0.00-	20	6.08-	19							GLOB	UNIF	WV	0 4
2269	LOAD Y	621	651	0.00-	257	6.08-	235							GLOB	UNIF	WV	0 4
2270	LOAD Z	621	651	0.00	18	6.08	17							GLOB	UNIF	WV	0 4
2271	LOAD A	623	653	0.00	20	6.08	19							GLOB	UNIF	WV	0 4
2272	LOAD Y	623	653	0.00-	257	6.08-	235							GLOB	UNIF	WV	0 4
2273	LOAD Z	623	653	0.00	18	6.08	17							GLOB	UNIF	WV	0 4
2274	LOAD Y	626	656	0.00-	202	6.08-	180							GLOB	UNIF	WV	0 4
2275	LOAD Z	626	656	0.00-	34	6.08-	30							GLOB	UNIF	WV	0 4
2276	LOAD A	651	701	0.00-	19	7.10-	17							GLOB	UNIF	WV	0 4
2277	LOAD Y	651	701	0.00-	255	7.10-	211							GLOB	UNIF	WV	0 4
2278	LOAD Z	651	701	0.00	17	7.10	15							GLOB	UNIF	WV	0 4
2279	LOAD A	653	703	0.00	19	7.10	17							GLOB	UNIF	WV	0 4
2280	LOAD Y	653	703	0.00-	255	7.10-	211							GLOB	UNIF	WV	0 4
2281	LOAD Z	653	703	0.00	17	7.10	15							GLOB	UNIF	WV	0 4
2282	LOAD Y	656	706	0.00-	180	7.10-	150							GLOB	UNIF	WV	0 4
2283	LOAD Z	656	706	0.00-	30	7.10-	26							GLOB	UNIF	WV	0 4
2284	LOAD A	701	801	0.00-	15	9.46-	14							GLOB	UNIF	WV	0 4
2285	LOAD Y	701	801	0.00-	200	9.46-	176							GLOB	UNIF	WV	0 4
2286	LOAD Z	701	801	0.00	14	9.46	13							GLOB	UNIF	WV	0 4
2287	LOAD A	701	801	9.46-	14	9.46-	12							GLOB	UNIF	WV	0 4
2288	LOAD Y	701	801	9.46-	176	9.46-	155							GLOB	UNIF	WV	0 4
2289	LOAD Z	701	801	9.46	13	9.46	11							GLOB	UNIF	WV	0 4
2290	LOAD A	701	801	10.92-	12	9.46-	10							GLOB	UNIF	WV	0 4
2291	LOAD Y	701	801	10.92-	155	9.46-	134							GLOB	UNIF	WV	0 4
2292	LOAD Z	701	801	10.92	11	9.46	10							GLOB	UNIF	WV	0 4

| LINE NO. | | |

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    2343 LOAD Z  9001003   10.22     07   10.22     07                GLOB UNIF     WV 0 4
    2344 LOAD Y  9001006    0.00-    56   10.22-    43                GLOB UNIF     WV 0 4
    2345 LOAD Z  9001006    0.00-    09   10.22-    01                GLOB UNIF     WV 0 4
    2346 LOAD Y  9001006   10.22-    43   10.22-    32                GLOB UNIF     WV 0 4
    2347 LOAD Z  9001006   10.22-    01   10.22-    05                GLOB UNIF     WV 0 4
    2348 LOADCM  5
    2349 LOAD X  510 710    7.59     135                              GLOB CONC     WN 0 5
    2350 LOAD Y  510 710                                 7.59 106399 GLOB MOMT     WN 0 5
    2351 LOAD Y  510 710    7.59     234                              GLOB CONC     WN 0 5
    2352 LOAD X  510 710                                 7.59-184208 GLOB MOMT     WN 0 5
    2353 LOAD X  511 711    7.59     135                              GLOB CONC     WN 0 5
    2354 LOAD Y  511 711                                 7.59 106399 GLOB MOMT     WN 0 5
    2355 LOAD Y  511 711    7.59     234                              GLOB CONC     WN 0 5
    2356 LOAD X  511 711                                 7.59-184208 GLOB MOMT     WN 0 5
    2357 LOAD X  512 712    7.59     135                              GLOB CONC     WN 0 5
    2358 LOAD Y  512 712                                 7.59 106399 GLOB MOMT     WN 0 5
    2359 LOAD Y  512 712    7.59     234                              GLOB CONC     WN 0 5
    2360 LOAD X  512 712                                 7.59-184208 GLOB MOMT     WN 0 5
    2361 LOAD X  510 710    7.59     137                              GLOB CONC     WN 0 5
    2362 LOAD Y  510 710                                 7.59  90656 GLOB MOMT     WN 0 5
    2363 LOAD Y  510 710    7.59     238                              GLOB CONC     WN 0 5
    2364 LOAD X  510 710                                 7.59-170877 GLOB MOMT     WN 0 5
    2365 LOAD X  511 711    7.59     137                              GLOB CONC     WN 0 5
    2366 LOAD Y  511 711                                 7.59  90656 GLOB MOMT     WN 0 5
    2367 LOAD Y  511 711    7.59     238                              GLOB CONC     WN 0 5
    2368 LOAD X  511 711                                 7.59-170877 GLOB MOMT     WN 0 5
    2369 LOAD X  512 712    7.59     137                              GLOB CONC     WN 0 5
    2370 LOAD Y  512 712                                 7.59  90656 GLOB MOMT     WN 0 5
    2371 LOAD Y  512 712    7.59     238                              GLOB CONC     WN 0 5
    2372 LOAD X  512 712                                 7.59-170877 GLOB MOMT     WN 0 5
    2373 LOAD X  622 703   14.22-    02   7.55-     02                GLOB UNIF     WV 0 5
    2374 LOAD Y  622 703   14.22-    02   7.55-     02                GLOB UNIF     WV 0 5
    2375 LOAD Z  622 703   14.22     03   7.55      03                GLOB UNIF     WV 0 5
    2376 LOAD X  624 701   14.93-     1   7.00-      1                GLOB UNIF     WV 0 5
    2377 LOAD Y  624 701   14.93-    03   7.00-     03                GLOB UNIF     WV 0 5
    2378 LOAD Z  624 701   14.93     02   7.00      02                GLOB UNIF     WV 0 5
    2379 LOAD Y  701 702    0.00-    02  10.76-     02                GLOB UNIF     WV 0 5
    2380 LOAD Z  701 702    0.00      1  10.76      1                 GLOB UNIF     WV 0 5
    2381 LOAD Y  702 703    0.00-    02  10.76-     02                GLOB UNIF     WV 0 5
    2382 LOAD Z  702 703    0.00      1  10.76      1                 GLOB UNIF     WV 0 5
    2383 LOAD Z  703 705    0.00      1   6.25      1                 GLOB UNIF     WV 0 5
    2384 LOAD Z  703 705    6.25      1   6.25      1                 GLOB UNIF     WV 0 5
    2385 LOAD Z  703 705   12.50      1   6.25      1                 GLOB UNIF     WV 0 5
    2386 LOAD Z  705 706    0.00      1   9.58      1                 GLOB UNIF     WV 0 5
    2387 LOAD Z  705 706    9.58      1   9.58      1                 GLOB UNIF     WV 0 5
    2388 LOAD X  701 704    0.00-    02  10.75-     02                GLOB UNIF     WV 0 5
    2389 LOAD Y  701 704    0.00-     1  10.75-      1                GLOB UNIF     WV 0 5
    2390 LOAD Z  701 704    0.00      1  10.75      1                 GLOB UNIF     WV 0 5
    2391 LOAD X  704 706    0.00-    02  10.76-     02                GLOB UNIF     WV 0 5
    2392 LOAD Y  704 706    0.00-     1  10.76-      1                GLOB UNIF     WV 0 5
```

LINE NO.		1 1	2 2	3 3	4 4	5 5	6 6	7 7	8
		1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0							
2393	LOAD Z	704 706	0.00	1	18.76	1		GLOB UNIF	WV 0 5
2394	LOAD Z	702 704	0.00	1	6.25	1		GLOB UNIF	WV 0 5
2395	LOAD Z	702 704	6.25	1	6.25	1		GLOB UNIF	WV 0 5
2396	LOAD Z	702 704	12.50	1	6.25	1		GLOB UNIF	WV 0 5
2397	LOAD X	702 705	0.00-	1	18.75-	02		GLOB UNIF	WV 0 5
2398	LOAD Y	702 705	0.00-	1	18.75-	1		GLOB UNIF	WV 0 5
2399	LOAD Z	702 705	0.00	1	18.75	1		GLOB UNIF	WV 0 5
2400	LOAD Y	704 705	0.00-	02	18.76-	02		GLOB UNIF	WV 0 5
2401	LOAD Z	704 705	0.00	1	18.76	1		GLOB UNIF	WV 0 5
2402	LOAD X	701 806	0.00-	02	50.16-	03		GLOB UNIF	WV 0 5
2403	LOAD Y	701 806	0.00		50.16-	02		GLOB UNIF	WV 0 5
2404	LOAD Z	701 806	0.00	1	50.16			GLOB UNIF	WV 0 5
2405	LOAD X	703 801	0.00	1	50.16			GLOB UNIF	WV 0 5
2406	LOAD Y	703 801	0.00-	02	50.16-	03		GLOB UNIF	WV 0 5
2407	LOAD Z	703 801	0.00	02	50.16	1		GLOB UNIF	WV 0 5
2408	LOAD X	706 803	0.00-	1	25.08-	1		GLOB UNIF	WV 0 5
2409	LOAD Y	706 803	0.00-	02	25.08-	02		GLOB UNIF	WV 0 5
2410	LOAD Z	706 803	0.00	03	25.08	03		GLOB UNIF	WV 0 5
2411	LOAD X	706 805	25.08-	1	25.08-	1		GLOB UNIF	WV 0 5
2412	LOAD Y	706 803	25.08-	02	25.08-	1		GLOB UNIF	WV 0 5
2413	LOAD Z	706 805	25.08	03	25.08	03		GLOB UNIF	WV 0 5
2414	LOAD Y	801 802	0.00-	02	22.79-	02		GLOB UNIF	WV 0 5
2415	LOAD Z	801 802	0.00	1	22.79	1		GLOB UNIF	WV 0 5
2416	LOAD Y	802 803	0.00-	02	22.79-	02		GLOB UNIF	WV 0 5
2417	LOAD Z	802 805	0.00	1	22.79	1		GLOB UNIF	WV 0 5
2418	LOAD Z	803 805	0.00	1	7.60	1		GLOB UNIF	WV 0 5
2419	LOAD Z	803 805	7.60	1	7.60	1		GLOB UNIF	WV 0 5
2420	LOAD Z	803 805	15.19	1	7.60	1		GLOB UNIF	WV 0 5
2421	LOAD Z	805 806	0.00	1	11.40	1		GLOB UNIF	WV 0 5
2422	LOAD Z	805 806	11.40	1	11.40	1		GLOB UNIF	WV 0 5
2423	LOAD X	801 804	0.00-	02	22.79-	02		GLOB UNIF	WV 0 5
2424	LOAD Y	801 804	0.00-	1	22.79-	1		GLOB UNIF	WV 0 5
2425	LOAD Z	801 804	0.00	1	22.79	1		GLOB UNIF	WV 0 5
2426	LOAD X	804 806	0.00-	02	22.80-	02		GLOB UNIF	WV 0 5
2427	LOAD Y	804 806	0.00-	1	22.80-	1		GLOB UNIF	WV 0 5
2428	LOAD Z	804 806	0.00	1	22.80	1		GLOB UNIF	WV 0 5
2429	LOAD X	802 805	0.00-	02	22.80-	02		GLOB UNIF	WV 0 5
2430	LOAD Y	802 805	0.00-	1	22.80-	1		GLOB UNIF	WV 0 5
2431	LOAD Y	804 805	0.00-	02	22.80-	02		GLOB UNIF	WV 0 5
2432	LOAD X	801 903	0.00-	1	29.80-	1		GLOB UNIF	WV 0 5
2433	LOAD Y	801 903	0.00-	03	29.80-	03		GLOB UNIF	WV 0 5
2434	LOAD Z	801 903	0.00	02	29.80	02		GLOB UNIF	WV 0 5
2435	LOAD X	801 903	29.80-	1	29.80-	1		GLOB UNIF	WV 0 5
2436	LOAD Y	801 903	29.80-	03	29.80-	02		GLOB UNIF	WV 0 5
2437	LOAD Z	801 903	29.80	02	29.80	1		GLOB UNIF	WV 0 5
2438	LOAD X	803 906	6.62		52.48-	1		GLOB UNIF	WV 0 5
2439	LOAD Y	803 906	17.03		42.57-	1		GLOB UNIF	WV 0 5
2440	LOAD Z	803 906	0.00	1	15.45			GLOB UNIF	WV 0 5
2441	LOAD Z	803 906	15.45		44.15-	02		GLOB UNIF	WV 0 5
2442	LOAD X	806 901	0.00-	02	29.80-	03		GLOB UNIF	WV 0 5

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

2483  LOAD Y  806 901    0.00-  03  29.80-  03          GLOB UNIF    WV 0 5
2484  LOAD Z  806 901    0.00       02  29.80       02  GLOB UNIF    WV 0 5
2485  LOAD X  806 901   29.80-  03  29.80-  03          GLOB UNIF    WV 0 5
2486  LOAD Y  806 901   29.80-  03  29.80-  03          GLOB UNIF    WV 0 5
2487  LOAD Z  806 901   29.80       02  29.80       02  GLOB UNIF    WV 0 5
2488  LOAD Y  901 902    0.00-  03  27.42-  03          GLOB UNIF    WV 0 5
2489  LOAD Z  901 902    0.00        1  27.42        1  GLOB UNIF    WV 0 5
2490  LOAD Y  902 903    0.00-  03  27.42-  02          GLOB UNIF    WV 0 5
2491  LOAD Z  902 903    0.00        1  27.42        1  GLOB UNIF    WV 0 5
2492  LOAD Z  903 905    0.00        1  13.71        1  GLOB UNIF    WV 0 5
2493  LOAD Z  903 905   13.71        1  13.71        1  GLOB UNIF    WV 0 5
2494  LOAD Z  905 906    0.00        1  13.71           GLOB UNIF    WV 0 5
2495  LOAD X  901 904    0.00-  03  27.41-  03          GLOB UNIF    WV 0 5
2496  LOAD Y  901 904    0.00-  02  27.41-  02          GLOB UNIF    WV 0 5
2497  LOAD Z  901 904    0.00        1  27.41           GLOB UNIF    WV 0 5
2498  LOAD X  904 906    0.00-  03  27.42-  04          GLOB UNIF    WV 0 5
2499  LOAD Y  904 905    0.00-  02  27.42-  02          GLOB UNIF    WV 0 5
2500  LOAD X  902 905    0.00-  02  27.41-  02          GLOB UNIF    WV 0 5
2501  LOAD Y  902 905    0.00-   1  27.41-   1          GLOB UNIF    WV 0 5
2502  LOAD Y  904 905    0.00-  03  27.42-  03          GLOB UNIF    WV 0 5
2503  LOAD X 9011002     0.00-   1  14.08-   1          GLOB UNIF    WV 0 5
2504  LOAD Y 9011002     0.00-  04  14.08-  04          GLOB UNIF    WV 0 5
2505  LOAD Z 9011002     0.00        1  14.08        1  GLOB UNIF    WV 0 5
2506  LOAD X 9011002    14.08-   1  14.08-   1          GLOB UNIF    WV 0 5
2507  LOAD Y 9011002    14.08-  04  14.08-  04          GLOB UNIF    WV 0 5
2508  LOAD Z 9011002    14.08        1  14.08        1  GLOB UNIF    WV 0 5
2509  LOAD X 9011002    28.15-   1  14.08-   1          GLOB UNIF    WV 0 5
2510  LOAD Y 9011002    28.15-  04  14.08-  04          GLOB UNIF    WV 0 5
2511  LOAD Z 9011002    28.15        1  14.08        1  GLOB UNIF    WV 0 5
2512  LOAD X 9031002     0.00           14.08-   1      GLOB UNIF    WV 0 5
2513  LOAD Y 9031002     0.00-  02  14.08-  03          GLOB UNIF    WV 0 5
2514  LOAD X 9031002    14.08-   1  14.08-   1          GLOB UNIF    WV 0 5
2515  LOAD Y 9031002    14.08-  03  14.08-  04          GLOB UNIF    WV 0 5
2516  LOAD Z 9031002    14.08           14.08-   1      GLOB UNIF    WV 0 5
2517  LOAD X 9031002    28.15-   1  14.08-  02          GLOB UNIF    WV 0 5
2518  LOAD Y 9031002    28.15-  04  14.08-  04          GLOB UNIF    WV 0 5
2519  LOAD Z 9031002    28.15-   1  14.08-   1          GLOB UNIF    WV 0 5
2520  LOAD X 9031005     0.00-   1  21.11-   1          GLOB UNIF    WV 0 5
2521  LOAD Y 9031005     0.00-   1  21.11-  02          GLOB UNIF    WV 0 5
2522  LOAD Z 9031005     0.00-   1  21.11-  02          GLOB UNIF    WV 0 5
2523  LOAD X 9031005    21.11-   1  21.11-  02          GLOB UNIF    WV 0 5
2524  LOAD Y 9031005    21.11-  02  21.11-  03          GLOB UNIF    WV 0 5
2525  LOAD Z 9031005    21.11-  02  21.11-  03          GLOB UNIF    WV 0 5
2526  LOAD X 9061005     0.00-   1  14.07-   1          GLOB UNIF    WV 0 5
2527  LOAD Y 9061005     0.00-  03  14.07-  03          GLOB UNIF    WV 0 5
2528  LOAD Z 9061005     0.00       03  14.07       03  GLOB UNIF    WV 0 5
2529  LOAD X 9061005    14.07-   1  14.07-   1          GLOB UNIF    WV 0 5
2530  LOAD Y 9061005    14.07-  03  14.07-  03          GLOB UNIF    WV 0 5
2531  LOAD Z 9061005    14.07       03  14.07       03  GLOB UNIF    WV 0 5
2532  LOAD X 9061005    28.15-   1  14.07-   1          GLOB UNIF    WV 0 5
```

```
                                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

 2493  LOAD Y  9061005   28.15-   03  14.07-   03                GLOB UNIF   WV 0 5
 2494  LOAD Z  9061005   28.15    03  14.07    03                GLOB UNIF   WV 0 5
 2495  LOAD X  9011004    0.00-   03  21.11-   03                GLOB UNIF   WV 0 5
 2496  LOAD Y  9011004    0.00-   02  21.11-   03                GLOB UNIF   WV 0 5
 2497  LOAD Z  9011004    0.00-    1  21.11-    1                GLOB UNIF   WV 0 5
 2498  LOAD X  9011004   21.11-   03  21.11-   04                GLOB UNIF   WV 0 5
 2499  LOAD Y  9011004   21.11-   03  21.11-   04                GLOB UNIF   WV 0 5
 2500  LOAD Z  9011004   21.11-    1  21.11-   02                GLOB UNIF   WV 0 5
 2501  LOAD X  9061004    0.00-   03  14.07-   03                GLOB UNIF   WV 0 5
 2502  LOAD Y  9061004    0.00-   04  14.07-   04                GLOB UNIF   WV 0 5
 2503  LOAD Z  9061004    0.00     1  14.07     1                GLOB UNIF   WV 0 5
 2504  LOAD X  9061004   14.07-   03  14.07-   04                GLOB UNIF   WV 0 5
 2505  LOAD Y  9061004   14.07-   04  14.07-   05                GLOB UNIF   WV 0 5
 2506  LOAD Z  9061004   14.07     1  14.07     1                GLOB UNIF   WV 0 5
 2507  LOAD X  9061004   28.15-   04  14.07-   04                GLOB UNIF   WV 0 5
 2508  LOAD Y  9061004   28.15-   05  14.07-   05                GLOB UNIF   WV 0 5
 2509  LOAD Z  9061004   28.15     1  14.07     1                GLOB UNIF   WV 0 5
 2510  LOAD Y 10011002    0.00-   05  32.04-   05                GLOB UNIF   WV 0 5
 2511  LOAD Y 10021003    0.00-   05  32.04-   03                GLOB UNIF   WV 0 5
 2512  LOAD X 10011004    0.00-   05  32.04-   05                GLOB UNIF   WV 0 5
 2513  LOAD Y 10011004    0.00-   03  32.04-   03                GLOB UNIF   WV 0 5
 2514  LOAD X 10041006    0.00-   05  32.04-   06                GLOB UNIF   WV 0 5
 2515  LOAD Y 10041006    0.00-   03  32.04-   03                GLOB UNIF   WV 0 5
 2516  LOAD X 10021005    0.00-   03  32.04-   04                GLOB UNIF   WV 0 5
 2517  LOAD Y 10021005    0.00-   02  32.04-   02                GLOB UNIF   WV 0 5
 2518  LOAD Y 10041005    0.00-   05  32.04-   04                GLOB UNIF   WV 0 5
 2519  LOAD X  651 701    2.84    05   4.26    06                GLOB UNIF   WV 0 5
 2520  LOAD Z  651 701    2.84     1   4.26     1                GLOB UNIF   WV 0 5
 2521  LOAD X  653 703    2.47-    1   4.63                      GLOB UNIF   WV 0 5
 2522  LOAD Y  653 703    2.47    04   4.63    05                GLOB UNIF   WV 0 5
 2523  LOAD X  656 705    3.16-    1   3.94-    1                GLOB UNIF   WV 0 5
 2524  LOAD Y  656 705    3.16     03  3.94     03               GLOB UNIF   WV 0 5
 2525  LOAD X  701 801    0.00     04 14.19     05               GLOB UNIF   WV 0 5
 2526  LOAD Y  701 801    2.37        11.85     1                GLOB UNIF   WV 0 5
 2527  LOAD Z  701 801    0.00     1  14.19     1                GLOB UNIF   WV 0 5
 2528  LOAD X  701 801   14.19     05 14.19     04               GLOB UNIF   WV 0 5
 2529  LOAD Y  701 801   14.19     1  14.19     02               GLOB UNIF   WV 0 5
 2530  LOAD Z  701 801   14.19     1  14.19                       GLOB UNIF   WV 0 5
 2531  LOAD X  703 803    0.00-    1   5.68                      GLOB UNIF   WV 0 5
 2532  LOAD Y  703 803    0.00     04  9.46     05               GLOB UNIF   WV 0 5
 2533  LOAD X  703 803    9.46        9.46     1                GLOB UNIF   WV 0 5
 2534  LOAD Y  703 803    9.46     05 9.46     07               GLOB UNIF   WV 0 5
 2535  LOAD Z  703 803    9.46        9.46-    1                GLOB UNIF   WV 0 5
  536  LOAD X  703 803   18.92     1  9.46     02               GLOB UNIF   WV 0 5
 2537  LOAD Y  703 803   18.92     07 9.46     06               GLOB UNIF   WV 0 5
 2538  LOAD Z  703 803   18.92-    1  9.46-    1                GLOB UNIF   WV 0 5
 2539  LOAD X  705 806    0.00-    1 20.39-    1                GLOB UNIF   WV 0 5
 2540  LOAD Y  705 806    0.00     02 20.39                     GLOB UNIF   WV 0 5
 2541  LOAD X  801 901    0.00     04 16.22    04               GLOB UNIF   WV 0 5
 2542  LOAD Y  801 901    0.00     02 16.22    02               GLOB UNIF   WV 0 5
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

 2543  LOAD A   801 901   10.22     04  10.22     05                GLOB UNIF   WV 0 5
 2544  LOAD Y   801 901   10.22     02  10.22     02                GLOB UNIF   WV 0 5
 2545  LOAD X   803 903    0.00     02  10.81     03                GLOB UNIF   WV 0 5
 2546  LOAD Y   803 903    0.00     08  10.81     09                GLOB UNIF   WV 0 5
 2547  LOAD Z   803 903    0.00-    1   10.81-    1                 GLOB UNIF   WV 0 5
 2548  LOAD X   803 903   10.81     03  10.81     04                GLOB UNIF   WV 0 5
 2549  LOAD Y   803 903   10.81     09  10.81     10                GLOB UNIF   WV 0 5
 2550  LOAD Z   803 903   10.81-    1   10.81-    1                 GLOB UNIF   WV 0 5
 2551  LOAD X   803 903   21.63     04  10.81     05                GLOB UNIF   WV 0 5
 2552  LOAD Y   803 903   21.63     10  10.81     10                GLOB UNIF   WV 0 5
 2553  LOAD Z   803 903   21.63-    1   10.81-    02                GLOB UNIF   WV 0 5
 2554  LOAD X   806 906    0.00-    1   52.44-    03                GLOB UNIF   WV 0 5
 2555  LOAD Y   806 906    5.41         29.03-    03                GLOB UNIF   WV 0 5
 2556  LOAD Z   806 906    4.85         27.01-    1                 GLOB UNIF   WV 0 5
 2557  LOAD X   9011001    0.00     03  10.22     1                 GLOB UNIF   WV 0 5
 2558  LOAD Y   9011001    0.00     02  10.22     1                 GLOB UNIF   WV 0 5
 2559  LOAD X   9011001   10.22     1   12.62                       GLOB UNIF   WV 0 5
 2560  LOAD Y   9011001   10.22     1    9.73                       GLOB UNIF   WV 0 5
 2561  LOAD Y   9011001   25.95          6.49-    1                 GLOB UNIF   WV 0 5
 2562  LOAD X   9031003    0.00     05  10.22     05                GLOB UNIF   WV 0 5
 2563  LOAD Y   9031003    0.00     10  10.22     11                GLOB UNIF   WV 0 5
 2564  LOAD Z   9031003    0.00-    02  10.22-    02                GLOB UNIF   WV 0 5
 2565  LOAD X   9031003   10.22     05  10.22     06                GLOB UNIF   WV 0 5
 2566  LOAD Y   9031003   10.22     11  10.22     10                GLOB UNIF   WV 0 5
 2567  LOAD Z   9031003   10.22-    02  10.22-    02                GLOB UNIF   WV 0 5
 2568  LOAD X   9061006    0.00-    03  10.22-    04                GLOB UNIF   WV 0 5
 2569  LOAD Y   9061006    0.00-    03  10.22-    06                GLOB UNIF   WV 0 5
 2570  LOAD Z   9061006    0.00-    1   10.22-    1                 GLOB UNIF   WV 0 5
 2571  LOAD X   9061006   10.22-    04  10.22-    06                GLOB UNIF   WV 0 5
 2572  LOAD Y   9061006   10.22-    06  10.22-    09                GLOB UNIF   WV 0 5
 2573  LOAD Z   9061006   10.22-    1   10.22-    02                GLOB UNIF   WV 0 5
 2574  LOADCM   0
 2575  LOAD Y   510 710     7.59    271                             GLOB CONC   WN 0 6
 2576  LOAD X   510 710                                 7.59=212797 GLOB MOMT   WN 0 6
 2577  LOAD Y   511 711     7.59    271                             GLOB CONC   WN 0 6
 2578  LOAD X   511 711                                 7.59=212797 GLOB MOMT   WN 0 6
 2579  LOAD Y   512 712     7.59    271                             GLOB CONC   WN 0 6
 2580  LOAD X   512 712                                 7.59=212797 GLOB MOMT   WN 0 6
 2581  LOAD Y   510 710     7.59    275                             GLOB CONC   WN 0 6
 2582  LOAD X   510 710                                 7.59=197312 GLOB MOMT   WN 0 6
 2583  LOAD Y   511 711     7.59    275                             GLOB CONC   WN 0 6
 2584  LOAD X   511 711                                 7.59=197312 GLOB MOMT   WN 0 6
 2585  LOAD Y   512 712     7.59    275                             GLOB CONC   WN 0 6
 2586  LOAD X   512 712                                 7.59=197312 GLOB MOMT   WN 0 6
 2587  LOAD X   622 703    14.39-    1   7.38-    1                 GLOB UNIF   WV 0 6
 2588  LOAD Y   622 703    14.39-    03  7.38-    03                GLOB UNIF   WV 0 6
 2589  LOAD Z   622 703    14.39     02  7.38     02                GLOB UNIF   WV 0 6
 2590  LOAD X   625 706    15.30     1   6.63     1                 GLOB UNIF   WV 0 6
 2591  LOAD Y   625 706    15.30-    1   6.63-    1                 GLOB UNIF   WV 0 6
 2592  LOAD Y   624 701    14.65-    03  7.29-    02                GLOB UNIF   WV 0 6
```

```
                                1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    2543  LOAD Z  624 701   14.65      03   7.29      03                  GLOB UNIF      WV  0  6
    2544  LOAD Y  701 702    0.00-     02  18.76-     02                  GLOB UNIF      WV  0  6
    2545  LOAD Z  701 702    0.00       1  18.76      1                   GLOB UNIF      WV  0  6
    2546  LOAD Y  702 703    0.00-     02  18.76-     02                  GLOB UNIF      WV  0  6
    2547  LOAD Z  702 703    0.00       1  18.76      1                   GLOB UNIF      WV  0  6
    2548  LOAD A  703 705    0.00       1  18.75      1                   GLOB UNIF      WV  0  6
    2549  LOAD Y  703 705    0.00          18.75-     1                   GLOB UNIF      WV  0  6
    2550  LOAD Z  703 705    0.00       1  18.75      1                   GLOB UNIF      WV  0  6
    2551  LOAD A  705 706    0.00       1  18.76      1                   GLOB UNIF      WV  0  6
    2552  LOAD Y  705 706    0.00-      1  18.76-     1                   GLOB UNIF      WV  0  6
    2553  LOAD Z  705 706    0.00       1  18.76      1                   GLOB UNIF      WV  0  6
    2554  LOAD A  701 704    0.00-      1  18.75-     1                   GLOB UNIF      WV  0  6
    2555  LOAD Y  701 704    0.00          18.75-     1                   GLOB UNIF      WV  0  6
    2556  LOAD Z  701 704    0.00       1  18.75      1                   GLOB UNIF      WV  0  6
    2557  LOAD A  704 706    0.00-      1  18.76-     1                   GLOB UNIF      WV  0  6
    2558  LOAD Y  704 706    0.00-      1  18.76-     1                   GLOB UNIF      WV  0  6
    2559  LOAD Z  704 706    0.00       1  18.76      1                   GLOB UNIF      WV  0  6
    2560  LOAD A  702 704    0.00       1  18.75      1                   GLOB UNIF      WV  0  6
    2561  LOAD Z  702 704    0.00       1  18.75      1                   GLOB UNIF      WV  0  6
    2562  LOAD Y  702 705    0.00-      1  18.75-     1                   GLOB UNIF      WV  0  6
    2563  LOAD Z  702 705    0.00       1  18.75      1                   GLOB UNIF      WV  0  6
    2564  LOAD Y  704 705    0.00-     02  18.76-     02                  GLOB UNIF      WV  0  6
    2565  LOAD Z  704 705    0.00       1  18.76      1                   GLOB UNIF      WV  0  6
    2566  LOAD A  701 806    0.00-      1  50.16-     02                  GLOB UNIF      WV  0  6
    2567  LOAD Y  701 806    3.58          46.58-     1                   GLOB UNIF      WV  0  6
    2568  LOAD Z  701 806    0.00       1  29.51                          GLOB UNIF      WV  0  6
    2569  LOAD Z  701 806   29.51          20.65-     1                   GLOB UNIF      WV  0  6
    2570  LOAD A  705 801    0.00       1  50.16      1                   GLOB UNIF      WV  0  6
    2571  LOAD Y  705 801    0.00-     03  50.16-     03                  GLOB UNIF      WV  0  6
    2572  LOAD Z  705 801    0.00      02  50.16      02                  GLOB UNIF      WV  0  6
    2573  LOAD Y  706 803    0.00-     03  50.16-     02                  GLOB UNIF      WV  0  6
    2574  LOAD Z  706 803    0.00      03  50.16      02                  GLOB UNIF      WV  0  6
    2575  LOAD Y  801 802    0.00-     02  22.79-     02                  GLOB UNIF      WV  0  6
    2576  LOAD Z  801 802    0.00       1  22.79      1                   GLOB UNIF      WV  0  6
    2577  LOAD Y  802 803    0.00-     02  22.79-     02                  GLOB UNIF      WV  0  6
    2578  LOAD Z  802 803    0.00       1  22.79      1                   GLOB UNIF      WV  0  6
    2579  LOAD A  803 805    0.00       1  22.79      1                   GLOB UNIF      WV  0  6
    2580  LOAD Y  803 805    0.00-      1  22.79-     1                   GLOB UNIF      WV  0  6
    2581  LOAD Z  803 805    0.00       1  22.79      1                   GLOB UNIF      WV  0  6
    2582  LOAD A  805 806    0.00       1  22.80      1                   GLOB UNIF      WV  0  6
    2583  LOAD Y  805 806    0.00-      1  22.80-     1                   GLOB UNIF      WV  0  6
    2584  LOAD Z  805 806    0.00       1  22.80      1                   GLOB UNIF      WV  0  6
    2585  LOAD A  801 804    0.00-      1  22.79-     1                   GLOB UNIF      WV  0  6
    2586  LOAD Y  801 804    0.00-      1  22.79-     1                   GLOB UNIF      WV  0  6
    2587  LOAD Z  801 804    0.00       1  22.79      1                   GLOB UNIF      WV  0  6
    2588  LOAD A  804 806    0.00-      1  22.80-     1                   GLOB UNIF      WV  0  6
    2589  LOAD Y  804 806    0.00-      1  22.80-     1                   GLOB UNIF      WV  0  6
    2590  LOAD Z  804 806    0.00       1  22.80      1                   GLOB UNIF      WV  0  6
    2591  LOAD A  802 804    0.00       1  22.80      1                   GLOB UNIF      WV  0  6
    2592  LOAD Y  802 804    0.00-      1  22.80-     1                   GLOB UNIF      WV  0  6
```

| LINE NO. | | |

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

 2693 LOAD Y  9061005  14.07-  04  14.07-  04                GLOB UNIF  WV 0 6
 2694 LOAD Z  9061005  14.07   02  14.07   03                GLOB UNIF  WV 0 6
 2695 LOAD X  9061005  28.15    1  14.07    1                GLOB UNIF  WV 0 6
 2696 LOAD Y  9061005  28.15-  04  14.07-  05                GLOB UNIF  WV 0 6
 2697 LOAD Z  9061005  28.15   03  14.07   03                GLOB UNIF  WV 0 6
 2698 LOAD X  9011004   0.00-   1  21.11-   1                GLOB UNIF  WV 0 6
 2699 LOAD Y  9011004   0.00-  02  21.11-  03                GLOB UNIF  WV 0 6
 2700 LOAD Z  9011004   0.00-   1  21.11-  02                GLOB UNIF  WV 0 6
 2701 LOAD X  9011004  21.11-   1  21.11-   1                GLOB UNIF  WV 0 6
 2702 LOAD Y  9011004  21.11-  03  21.11-  04                GLOB UNIF  WV 0 6
 2703 LOAD Z  9011004  21.11-  02  21.11-  03                GLOB UNIF  WV 0 6
 2704 LOAD X  9061004   0.00-   1  14.07-   1                GLOB UNIF  WV 0 6
 2705 LOAD Y  9061004   0.00-  04  14.07-  04                GLOB UNIF  WV 0 6
 2706 LOAD Z  9061004   0.00   02  14.07   02                GLOB UNIF  WV 0 6
 2707 LOAD X  9061004  14.07-   1  14.07-   1                GLOB UNIF  WV 0 6
 2708 LOAD Y  9061004  14.07-  04  14.07-  04                GLOB UNIF  WV 0 6
 2709 LOAD Z  9061004  14.07   02  14.07   03                GLOB UNIF  WV 0 6
 2710 LOAD X  9061004  28.15-   1  14.07-   1                GLOB UNIF  WV 0 6
 2711 LOAD Y  9061004  28.15-  04  14.07-  05                GLOB UNIF  WV 0 6
 2712 LOAD Z  9061004  28.15   03  14.07   03                GLOB UNIF  WV 0 6
 2713 LOAD Y 10011002   0.00-  05  32.04-  05                GLOB UNIF  WV 0 6
 2714 LOAD Y 10021005   0.00-  05  32.04-  05                GLOB UNIF  WV 0 6
 2715 LOAD X 10031005   0.00   02  32.04   03                GLOB UNIF  WV 0 6
 2716 LOAD Y 10031005   0.00-   1  32.04-  02                GLOB UNIF  WV 0 6
 2717 LOAD X 10051006   0.00   03  32.04   03                GLOB UNIF  WV 0 6
 2718 LOAD Y 10051006   0.00-  02  32.04-  02                GLOB UNIF  WV 0 6
 2719 LOAD X 10011004   0.00-  02  32.04-  03                GLOB UNIF  WV 0 6
 2720 LOAD Y 10011004   0.00-   1  32.04-  02                GLOB UNIF  WV 0 6
 2721 LOAD X 10041006   0.00-  03  32.04-  03                GLOB UNIF  WV 0 6,
 2722 LOAD Y 10041006   0.00-  02  32.04-  02                GLOB UNIF  WV 0 6
 2723 LOAD X 10021004   0.00   02  32.04   02                GLOB UNIF  WV 0 6
 2724 LOAD Y 10021004   0.00-   1  32.04-   1                GLOB UNIF  WV 0 6
 2725 LOAD X 10021005   0.00-  02  32.04-  02                GLOB UNIF  WV 0 6
 2726 LOAD Y 10021005   0.00-   1  32.04-   1                GLOB UNIF  WV 0 6
 2727 LOAD Y 10041005   0.00-  05  32.04-  05                GLOB UNIF  WV 0 6
 2728 LOAD X  651 701   2.63   04   4.47   04                GLOB UNIF  WV 0 6
 2729 LOAD Y  651 701   2.63   03   4.47   04                GLOB UNIF  WV 0 6
 2730 LOAD X  653 703   2.63-  04   4.47-  04                GLOB UNIF  WV 0 6
 2731 LOAD Y  653 703   2.63   03   4.47   04                GLOB UNIF  WV 0 6
 2732 LOAD Y  656 706   5.17   02   5.42   02                GLOB UNIF  WV 0 6
 2733 LOAD X  701 801   0.00   04   9.46   03                GLOB UNIF  WV 0 6
 2734 LOAD Y  701 801   0.00   03   9.46   04                GLOB UNIF  WV 0 6
 2735 LOAD X  701 801   9.46   03   9.46   03                GLOB UNIF  WV 0 6
 2736 LOAD Y  701 801   9.46   04   9.46   05                GLOB UNIF  WV 0 6
 2737 LOAD X  701 801  18.92   03   9.46   03                GLOB UNIF  WV 0 6
 2738 LOAD Y  701 801  18.92   05   9.46   06                GLOB UNIF  WV 0 6
 2739 LOAD X  703 803   0.00-  04   9.46-  05                GLOB UNIF  WV 0 6
 2740 LOAD Y  703 803   0.00   03   9.46   04                GLOB UNIF  WV 0 6
 2741 LOAD X  703 803   9.46-  05   9.46-  05                GLOB UNIF  WV 0 6
 2742 LOAD Y  703 803   9.46   04   9.46   05                GLOB UNIF  WV 0 6
```

| LINE NO. | | |

LINE NO.			1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																
2793	LOAD Y	622	703	15.20		03	6.57	03				GLOB	UNIF		WV	0	7
2794	LOAD Z	622	703	15.20		1	6.57	1				GLOB	UNIF		WV	0	7
2795	LOAD X	625	706	14.42		1	7.51	1				GLOB	UNIF		WV	0	7
2796	LOAD Y	625	706	14.42		02	7.51	02				GLOB	UNIF		WV	0	7
2797	LOAD Z	625	706	14.42		03	7.51	03				GLOB	UNIF		WV	0	7
2798	LOAD X	624	701	14.76		03	7.17	03				GLOB	UNIF		WV	0	7
2799	LOAD Y	624	701	14.76		1	7.17	1				GLOB	UNIF		WV	0	7
2800	LOAD Z	624	701	14.76		1	7.17	1				GLOB	UNIF		WV	0	7
2801	LOAD Y	701	702	0.00		02	18.76	02				GLOB	UNIF		WV	0	7
2802	LOAD Z	701	702	0.00		1	18.76	1				GLOB	UNIF		WV	0	7
2803	LOAD Y	702	703	0.00		02	18.76	02				GLOB	UNIF		WV	0	7
2804	LOAD Z	702	703	0.00		1	18.76	1				GLOB	UNIF		WV	0	7
2805	LOAD Z	703	705	0.00		1	9.38	1				GLOB	UNIF		WV	0	7
2806	LOAD Z	703	705	9.38		1	9.38	1				GLOB	UNIF		WV	0	7
2807	LOAD Z	705	706	0.00		1	6.25	1				GLOB	UNIF		WV	0	7
2808	LOAD Z	705	706	6.25		1	6.25	1				GLOB	UNIF		WV	0	7
2809	LOAD Z	705	706	12.51		1	6.25	1				GLOB	UNIF		WV	0	7
2810	LOAD X	701	704	0.00		02	18.75	02				GLOB	UNIF		WV	0	7
2811	LOAD Y	701	704	0.00		1	18.75	1				GLOB	UNIF		WV	0	7
2812	LOAD Z	701	704	0.00		1	18.75	1				GLOB	UNIF		WV	0	7
2813	LOAD X	704	706	0.00		02	18.76	1				GLOB	UNIF		WV	0	7
2814	LOAD Y	704	706	0.00		1	18.76	1				GLOB	UNIF		WV	0	7
2815	LOAD Z	704	706	0.00		1	18.76	1				GLOB	UNIF		WV	0	7
2816	LOAD Z	702	704	0.00		1	6.25	1				GLOB	UNIF		WV	0	7
2817	LOAD Z	702	704	6.25		1	6.25	1				GLOB	UNIF		WV	0	7
2818	LOAD Z	702	704	12.50		1	6.25	1				GLOB	UNIF		WV	0	7
2819	LOAD X	702	705	0.00		02	18.75	02				GLOB	UNIF		WV	0	7
2820	LOAD Y	702	705	0.00		1	18.75	1				GLOB	UNIF		WV	0	7
2821	LOAD Z	702	705	0.00		1	18.75	1				GLOB	UNIF		WV	0	7
2822	LOAD Y	704	705	0.00		02	18.76	02				GLOB	UNIF		WV	0	7
2823	LOAD Z	704	705	0.00		1	18.76	1				GLOB	UNIF		WV	0	7
2824	LOAD X	701	806	0.00		1	50.16	1				GLOB	UNIF		WV	0	7
2825	LOAD Y	701	806	0.00		03	50.16	02				GLOB	UNIF		WV	0	7
2826	LOAD Z	701	806	0.00		03	50.16	02				GLOB	UNIF		WV	0	7
2827	LOAD X	703	801	0.00		02	50.16	1				GLOB	UNIF		WV	0	7
2828	LOAD Y	703	801	0.00		03	50.16	03				GLOB	UNIF		WV	0	7
2829	LOAD Z	703	801	0.00		02	50.16	02				GLOB	UNIF		WV	0	7
2830	LOAD Y	705	803	0.00-		1	25.08					GLOB	UNIF		WV	0	7
2831	LOAD Y	706	803	25.08			25.08	1				GLOB	UNIF		WV	0	7
2832	LOAD Z	706	803	0.00		1	50.09					GLOB	UNIF		WV	0	7
2833	LOAD Z	705	803	30.09			20.06-	1				GLOB	UNIF		WV	0	7
2834	LOAD Y	801	802	0.00		02	22.79	03				GLOB	UNIF		WV	0	7
2835	LOAD Z	801	802	0.00		1	22.79	1				GLOB	UNIF		WV	0	7
2836	LOAD Y	802	803	0.00		03	22.79	03				GLOB	UNIF		WV	0	7
2837	LOAD Z	802	803	0.00		1	22.79	1				GLOB	UNIF		WV	0	7
2838	LOAD Z	803	805	0.00		1	11.40	1				GLOB	UNIF		WV	0	7
2839	LOAD Z	803	805	11.40		1	11.40	1				GLOB	UNIF		WV	0	7
2840	LOAD Z	805	806	0.00		1	7.60	1				GLOB	UNIF		WV	0	7
2841	LOAD Z	805	806	7.60		1	7.60	1				GLOB	UNIF		WV	0	7
2842	LOAD Z	805	506	15.20		1	7.60	1				GLOB	UNIF		WV	0	7

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
2043 LOAD X  801 804    0.00      02  22.79      02          GLOB UNIF     WV 0 7
2044 LOAD Y  801 804    0.00       1  22.79       1          GLOB UNIF     WV 0 7
2045 LOAD Z  801 804    0.00       1  22.79       1          GLOB UNIF     WV 0 7
2046 LOAD X  804 806    0.00      02  22.80      02          GLOB UNIF     WV 0 7
2047 LOAD Y  804 806    0.00       1  22.80       1          GLOB UNIF     WV 0 7
2048 LOAD Z  804 806    0.00       1  22.80       1          GLOB UNIF     WV 0 7
2049 LOAD X  802 805    0.00      02  22.80      02          GLOB UNIF     WV 0 7
2050 LOAD Y  802 805    0.00       1  22.80       1          GLOB UNIF     WV 0 7
2051 LOAD Y  804 805    0.00      02  22.80      02          GLOB UNIF     WV 0 7
2052 LOAD Y  801 903    0.00      03  54.60      05          GLOB UNIF     WV 0 7
2053 LOAD Z  801 903    0.00       1  25.54                  GLOB UNIF     WV 0 7
2054 LOAD Z  801 903   25.54          54.06-      1          GLOB UNIF     WV 0 7
2055 LOAD X  803 906    0.00       1  29.60       1          GLOB UNIF     WV 0 7
2056 LOAD Y  803 906    0.00      02  29.60       1          GLOB UNIF     WV 0 7
2057 LOAD Z  803 906    0.00      03  29.60      03          GLOB UNIF     WV 0 7
2058 LOAD X  803 906   29.60       1  29.60       1          GLOB UNIF     WV 0 7
2059 LOAD Y  803 906   29.60       1  29.60       1          GLOB UNIF     WV 0 7
2060 LOAD Z  803 906   29.60      03  29.60      02          GLOB UNIF     WV 0 7
2061 LOAD X  806 901    0.00      02  29.60      02          GLOB UNIF     WV 0 7
2062 LOAD Y  806 901    0.00          29.60       1          GLOB UNIF     WV 0 7
2063 LOAD Z  806 901    0.00       1  29.60                  GLOB UNIF     WV 0 7
2064 LOAD X  806 901   29.60      02  29.60      03          GLOB UNIF     WV 0 7
2065 LOAD Y  806 901   29.60       1  29.60      02          GLOB UNIF     WV 0 7
2066 LOAD Y  901 902    0.00      03  27.42      04          GLOB UNIF     WV 0 7
2067 LOAD Z  901 902    0.00       1  27.42                  GLOB UNIF     WV 0 7
2068 LOAD Y  902 903    0.00      04  27.42      04          GLOB UNIF     WV 0 7
2069 LOAD Z  903 905   13.71          13.71       1          GLOB UNIF     WV 0 7
2070 LOAD Z  905 906    0.00       1  13.71       1          GLOB UNIF     WV 0 7
2071 LOAD Z  905 906   13.71       1  13.71       1          GLOB UNIF     WV 0 7
2072 LOAD X  901 904    0.00      03  27.41      03          GLOB UNIF     WV 0 7
2073 LOAD Y  901 904    0.00      02  27.41       1          GLOB UNIF     WV 0 7
2074 LOAD Z  901 904    0.00       1  27.41       1          GLOB UNIF     WV 0 7
2075 LOAD X  904 906    0.00      03  27.42      02          GLOB UNIF     WV 0 7
2076 LOAD Y  904 906    0.00       1  27.42       1          GLOB UNIF     WV 0 7
2077 LOAD Z  904 906    0.00       1  27.42       1          GLOB UNIF     WV 0 7
2078 LOAD X  902 905    0.00      03  27.41      02          GLOB UNIF     WV 0 7
2079 LOAD Y  902 905    0.00       1  27.41       1          GLOB UNIF     WV 0 7
2080 LOAD Y  904 905    0.00      02  27.42      03          GLOB UNIF     WV 0 7
2081 LOAD X  9011002    0.00       1  21.11       1          GLOB UNIF     WV 0 7
2082 LOAD Y  9011002    0.00      03  21.11      04          GLOB UNIF     WV 0 7
2083 LOAD Z  9011002    0.00-      1  21.11-      1          GLOB UNIF     WV 0 7
2084 LOAD X  9011002   21.11       1  21.11      02          GLOB UNIF     WV 0 7
2085 LOAD Y  9011002   21.11      04  21.11      06          GLOB UNIF     WV 0 7
2086 LOAD Z  9011002   21.11-      1  21.11-     02          GLOB UNIF     WV 0 7
2087 LOAD X  9051002    0.00      02  14.08      02          GLOB UNIF     WV 0 7
2088 LOAD Y  9051002    0.00      05  14.08      05          GLOB UNIF     WV 0 7
2089 LOAD Z  9051002    0.00       1  14.08       1          GLOB UNIF     WV 0 7
2090 LOAD X  9051002   14.08      02  14.08      02          GLOB UNIF     WV 0 7
2091 LOAD Y  9051002   14.08      05  14.08      05          GLOB UNIF     WV 0 7
2092 LOAD Z  9051002   14.08       1  14.08       1          GLOB UNIF     WV 0 7
```

| LINE NO. | | |

| LINE NO. | | |

LINE NO.			1 1	2 2	3 3	4 4	5 5	6 6	7 7	8
			1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0							
2993	LOAD	X	510 710				7.59 212797	GLOB MOMT	WN 0 8	
2994	LOAD	Y	511 711	7.59-	271			GLOB CONC	WN 0 8	
2995	LOAD	X	511 711				7.59 212797	GLOB MOMT	WN 0 8	
2996	LOAD	Y	512 712	7.59-	271			GLOB CONC	WN 0 8	
2997	LOAD	X	512 712				7.59 212797	GLOB MOMT	WN 0 8	
2998	LOAD	Y	510 710	7.59-	275			GLOB CONC	WN 0 8	
2999	LOAD	X	510 710				7.59 197312	GLOB MOMT	WN 0 8	
3000	LOAD	Y	511 711	7.59-	275			GLOB CONC	WN 0 8	
3001	LOAD	X	511 711				7.59 197312	GLOB MOMT	WN 0 8	
3002	LOAD	Y	512 712	7.59-	275			GLOB CONC	WN 0 8	
3003	LOAD	X	512 712				7.59 197312	GLOB MOMT	WN 0 8	
3004	LOAD	X	622 703	15.09-	1	6.68-	1	GLOB UNIF	WV 0 8	
3005	LOAD	Y	622 703	15.09	03	6.68	03	GLOB UNIF	WV 0 8	
3006	LOAD	Z	622 703	15.09	02	6.68	1	GLOB UNIF	WV 0 8	
3007	LOAD	Y	625 706	14.50	02	7.03	02	GLOB UNIF	WV 0 8	
3008	LOAD	Z	625 706	14.50	03	7.03	03	GLOB UNIF	WV 0 8	
3009	LOAD	X	624 701	15.06	02	6.68	02	GLOB UNIF	WV 0 8	
3010	LOAD	Y	624 701	15.06	1	6.68	1	GLOB UNIF	WV 0 8	
3011	LOAD	Y	701 702	0.00	02	18.76	02	GLOB UNIF	WV 0 8	
3012	LOAD	Z	701 702	0.00	1	18.76	1	GLOB UNIF	WV 0 8	
3013	LOAD	Y	702 703	0.00	02	18.76	02	GLOB UNIF	WV 0 8	
3014	LOAD	Z	702 703	0.00	1	18.76	1	GLOB UNIF	WV 0 8	
3015	LOAD	X	703 705	0.00-	1	18.75-	1	GLOB UNIF	WV 0 8	
3016	LOAD	Y	703 705	0.00	1	18.75	1	GLOB UNIF	WV 0 8	
3017	LOAD	Z	703 705	0.00	1	18.75	1	GLOB UNIF	WV 0 8	
3018	LOAD	X	705 706	0.00-	1	18.76-	1	GLOB UNIF	WV 0 8	
3019	LOAD	Y	705 706	0.00	1	18.76		GLOB UNIF	WV 0 8	
3020	LOAD	Z	705 706	0.00	1	18.76	1	GLOB UNIF	WV 0 8	
3021	LOAD	X	701 704	0.00	1	18.75	1	GLOB UNIF	WV 0 8	
3022	LOAD	Y	701 704	0.00	1	18.75	1	GLOB UNIF	WV 0 8	
3023	LOAD	Z	701 704	0.00	1	18.75	1	GLOB UNIF	WV 0 8	
3024	LOAD	X	704 706	0.00	1	18.76	1	GLOB UNIF	WV 0 8	
3025	LOAD	Y	704 706	0.00	1	18.76		GLOB UNIF	WV 0 8	
3026	LOAD	Z	704 706	0.00	1	18.76	1	GLOB UNIF	WV 0 8	
3027	LOAD	X	702 704	0.00-	1	18.75-	1	GLOB UNIF	WV 0 8	
3028	LOAD	Y	702 704	0.00	1	18.75		GLOB UNIF	WV 0 8	
3029	LOAD	Z	702 704	0.00		18.75	1	GLOB UNIF	WV 0 8	
3030	LOAD	X	702 705	0.00	1	18.75	1	GLOB UNIF	WV 0 8	
3031	LOAD	Y	702 705	0.00	1	18.75		GLOB UNIF	WV 0 8	
3032	LOAD	Z	702 705	0.00		18.75	1	GLOB UNIF	WV 0 8	
3033	LOAD	Y	704 705	0.00	02	18.75	02	GLOB UNIF	WV 0 8	
3034	LOAD	Z	704 705	0.00	1	18.76	1	GLOB UNIF	WV 0 8	
3035	LOAD	Y	701 806	0.00	02	50.16	02	GLOB UNIF	WV 0 8	
3036	LOAD	Z	701 806	0.00	03	50.16	02	GLOB UNIF	WV 0 8	
3037	LOAD	X	703 801	0.00	1	50.16	1	GLOB UNIF	WV 0 8	
3038	LOAD	Y	703 801	0.00	03	50.16	04	GLOB UNIF	WV 0 8	
3039	LOAD	Z	703 801	0.00	02	50.16	1	GLOB UNIF	WV 0 8	
3040	LOAD	X	706 803	0.00-	1	50.16-	02	GLOB UNIF	WV 0 8	
3041	LOAD	Y	706 803	6.69		43.47	1	GLOB UNIF	WV 0 8	
3042	LOAD	Z	706 803	0.00	1	41.60		GLOB UNIF	WV 0 8	

LINE NO.															
3043	LOAD	Y	801	802	0.00	03	22.79	03		GLOB	UNIF		WV	0	8
3044	LOAD	Z	801	802	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3045	LOAD	Y	802	803	0.00	03	22.79	03		GLOB	UNIF		WV	0	8
3046	LOAD	Z	802	803	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3047	LOAD	X	803	805	0.00-	1	22.79-	1		GLOB	UNIF		WV	0	8
3048	LOAD	Y	803	805	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3049	LOAD	Z	803	805	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3050	LOAD	X	805	806	0.00-	1	22.80-	1		GLOB	UNIF		WV	0	8
3051	LOAD	Y	805	806	0.00	1	22.80			GLOB	UNIF		WV	0	8
3052	LOAD	Z	805	806	0.00	1	22.80	1		GLOB	UNIF		WV	0	8
3053	LOAD	X	801	804	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3054	LOAD	Y	801	804	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3055	LOAD	Z	801	804	0.00	1	22.79	1		GLOB	UNIF		WV	0	8
3056	LOAD	X	804	806	0.00	1	22.80	1		GLOB	UNIF		WV	0	8
3057	LOAD	Y	804	806	0.00	1	22.80			GLOB	UNIF		WV	0	8
3058	LOAD	Z	804	806	0.00	1	22.80	1		GLOB	UNIF		WV	0	8
3059	LOAD	X	802	804	0.00-	1	22.80-	1		GLOB	UNIF		WV	0	8
3060	LOAD	Y	802	804	0.00	1	22.80	1		GLOB	UNIF		WV	0	8
3061	LOAD	X	802	805	0.00	1	22.80	1		GLOB	UNIF		WV	0	8
3062	LOAD	Y	802	805	0.00	1	22.80	1		GLOB	UNIF		WV	0	8
3063	LOAD	Y	804	805	0.00	02	22.80	02		GLOB	UNIF		WV	0	8
3064	LOAD	X	801	903	0.00-	1	29.80-	1		GLOB	UNIF		WV	0	8
3065	LOAD	Y	801	903	0.00	04	29.80	04		GLOB	UNIF		WV	0	8
3066	LOAD	Z	801	903	0.00	1	29.80	1		GLOB	UNIF		WV	0	8
3067	LOAD	X	801	903	29.80-	1	29.80-	1		GLOB	UNIF		WV	0	8
3068	LOAD	Y	801	903	29.80	04	29.80	05		GLOB	UNIF		WV	0	8
3069	LOAD	Z	801	903	29.80	1	29.80			GLOB	UNIF		WV	0	8
3070	LOAD	X	803	906	0.00-	1	59.60			GLOB	UNIF		WV	0	8
3071	LOAD	Y	803	906	0.00	02	59.60	1		GLOB	UNIF		WV	0	8
3072	LOAD	Z	803	906	0.00	03	59.60	02		GLOB	UNIF		WV	0	8
3073	LOAD	X	806	901	0.00	1	59.60	02		GLOB	UNIF		WV	0	8
3074	LOAD	Y	806	901	0.00		59.60	02		GLOB	UNIF		WV	0	8
3075	LOAD	Z	806	901	0.00	1	25.91			GLOB	UNIF		WV	0	8
3076	LOAD	Z	806	901	25.91		33.69-	1		GLOB	UNIF		WV	0	8
3077	LOAD	Y	901	902	0.00	05	27.42	05		GLOB	UNIF		WV	0	8
3078	LOAD	Y	902	903	0.00	05	27.42	05		GLOB	UNIF		WV	0	8
3079	LOAD	X	903	905	0.00-	02	27.41-	02		GLOB	UNIF		WV	0	8
3080	LOAD	Y	903	905	0.00	1	27.41	1		GLOB	UNIF		WV	0	8
3081	LOAD	Z	903	905	0.00		27.41	1		GLOB	UNIF		WV	0	8
3082	LOAD	X	905	906	0.00-	02	27.42-	1		GLOB	UNIF		WV	0	8
3083	LOAD	Y	905	906	0.00	1	27.42	1		GLOB	UNIF		WV	0	8
3084	LOAD	Z	905	906	0.00	1	27.42	1		GLOB	UNIF		WV	0	8
3085	LOAD	X	901	904	0.00	02	27.41	02		GLOB	UNIF		WV	0	8
3086	LOAD	Y	901	904	0.00	1	27.41	1		GLOB	UNIF		WV	0	8
3087	LOAD	Z	901	904	0.00		27.41	1		GLOB	UNIF		WV	0	8
3088	LOAD	X	904	906	0.00	02	27.42	1		GLOB	UNIF		WV	0	8
3089	LOAD	Y	904	906	0.00	1	27.42	1		GLOB	UNIF		WV	0	8
3090	LOAD	Z	904	906	0.00	1	27.42	1		GLOB	UNIF		WV	0	8
3091	LOAD	X	902	904	0.00-	1	27.41-	1		GLOB	UNIF		WV	0	8
3092	LOAD	Y	902	904	0.00	1	27.41	1		GLOB	UNIF		WV	0	8

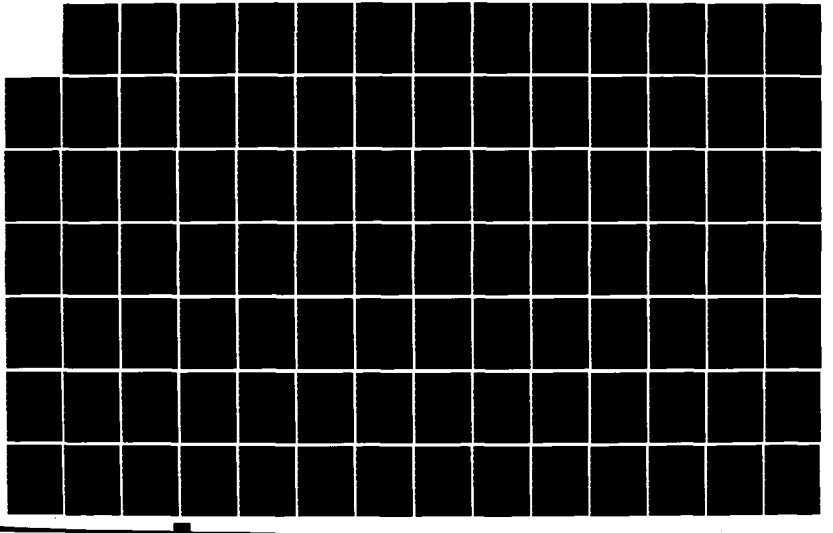
LINE NO.																	
3093	LOAD	X	902	905	0.00	1	27.41	1				GLOB	UNIF		WV	0	8
3094	LOAD	Y	902	905	0.00	1	27.41	1				GLOB	UNIF		WV	0	8
3095	LOAD	Y	904	905	0.00	03	27.42	03				GLOB	UNIF		WV	0	8
3096	LOAD	Y	9011002		0.00	05	14.08	05				GLOB	UNIF		WV	0	8
3097	LOAD	Y	9011002		14.08	05	14.08	06				GLOB	UNIF		WV	0	8
3098	LOAD	Y	9011002		28.15	06	14.08	07				GLOB	UNIF		WV	0	8
3099	LOAD	Y	9031002		0.00	05	14.08	05				GLOB	UNIF		WV	0	8
3100	LOAD	Y	9031002		14.08	05	14.08	06				GLOB	UNIF		WV	0	8
3101	LOAD	Y	9031002		28.15	06	14.08	07				GLOB	UNIF		WV	0	8
3102	LOAD	X	9031005		0.00-	1	14.08-	1				GLOB	UNIF		WV	0	8
3103	LOAD	Y	9031005		0.00	03	14.08	03				GLOB	UNIF		WV	0	8
3104	LOAD	Z	9031005		0.00	02	14.08	02				GLOB	UNIF		WV	0	8
3105	LOAD	X	9031005		14.08-	1	14.08-	1				GLOB	UNIF		WV	0	8
3106	LOAD	Y	9031005		14.08	03	14.08	03				GLOB	UNIF		WV	0	8
3107	LOAD	Z	9031005		14.08	02	14.08	02				GLOB	UNIF		WV	0	8
3108	LOAD	X	9031005		28.15-	1	14.08-	1				GLOB	UNIF		WV	0	8
3109	LOAD	Y	9031005		28.15	03	14.08	04				GLOB	UNIF		WV	0	8
3110	LOAD	Z	9031005		28.15	02	14.08	02				GLOB	UNIF		WV	0	8
3111	LOAD	X	9061005		0.00-	1	21.11-	1				GLOB	UNIF		WV	0	8
3112	LOAD	Y	9061005		0.00	1	21.11	03				GLOB	UNIF		WV	0	8
3113	LOAD	Z	9061005		0.00-	1	21.11-	1				GLOB	UNIF		WV	0	8
3114	LOAD	X	9061005		21.11-	1	21.11-	1				GLOB	UNIF		WV	0	8
3115	LOAD	Y	9061005		21.11	03	21.11	04				GLOB	UNIF		WV	0	8
3116	LOAD	Z	9061005		21.11-	1	21.11-	02				GLOB	UNIF		WV	0	8
3117	LOAD	X	9011004		0.00	1	14.08	1				GLOB	UNIF		WV	0	8
3118	LOAD	Y	9011004		0.00	03	14.08	03				GLOB	UNIF		WV	0	8
3119	LOAD	Z	9011004		0.00	02	14.08	02				GLOB	UNIF		WV	0	8
3120	LOAD	X	9011004		14.08	1	14.08	1				GLOB	UNIF		WV	0	8
3121	LOAD	Y	9011004		14.08	03	14.08	03				GLOB	UNIF		WV	0	8
3122	LOAD	Z	9011004		14.08	02	14.08	02				GLOB	UNIF		WV	0	8
3123	LOAD	X	9011004		28.15	1	14.08	1				GLOB	UNIF		WV	0	8
3124	LOAD	Y	9011004		28.15	03	14.08	04				GLOB	UNIF		WV	0	8
3125	LOAD	Z	9011004		28.15	02	14.08	02				GLOB	UNIF		WV	0	8
3126	LOAD	X	9061004		0.00	1	21.11	1				GLOB	UNIF		WV	0	8
3127	LOAD	Y	9061004		0.00	1	21.11	03				GLOB	UNIF		WV	0	8
3128	LOAD	Z	9061004		0.00-	1	21.11-	1				GLOB	UNIF		WV	0	8
3129	LOAD	X	9061004		21.11	1	21.11	1				GLOB	UNIF		WV	0	8
3130	LOAD	Y	9061004		21.11	03	21.11	04				GLOB	UNIF		WV	0	8
3131	LOAD	Z	9061004		21.11-	1	21.11-	02				GLOB	UNIF		WV	0	8
3132	LOAD	Y	10011002		0.00	07	52.04	07				GLOB	UNIF		WV	0	8
3133	LOAD	Y	10021003		0.00	07	52.04	07				GLOB	UNIF		WV	0	8
3134	LOAD	X	10031005		0.00-	03	52.04-	02				GLOB	UNIF		WV	0	8
3135	LOAD	Y	10031005		0.00	02	52.04	1				GLOB	UNIF		WV	0	8
3136	LOAD	X	10051006		0.00-	02	52.04-	02				GLOB	UNIF		WV	0	8
3137	LOAD	Y	10051006		0.00	1	52.04	1				GLOB	UNIF		WV	0	8
3138	LOAD	X	10011004		0.00	03	52.04	02				GLOB	UNIF		WV	0	8
3139	LOAD	Y	10011004		0.00	02	52.04	1				GLOB	UNIF		WV	0	8
3140	LOAD	X	10041006		0.00	02	52.04	02				GLOB	UNIF		WV	0	8
3141	LOAD	Y	10041006		0.00	1	52.04	1				GLOB	UNIF		WV	0	8
3142	LOAD	X	10021004		0.00-	02	52.04-	02				GLOB	UNIF		WV	0	8

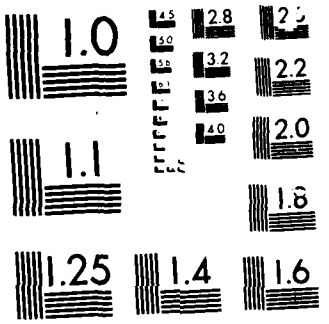
```
                                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    3143  LOAD Y 10021004     0.00       1  32.04       1                GLOB UNIF     WV 0 8
    3144  LOAD A 10021005     0.00      02  32.04      02                GLOB UNIF     WV 0 8
    3145  LOAD Y 10021005     0.00       1  32.04       1                GLOB UNIF     WV 0 8
    3146  LOAD Y 10041005     0.00      05  32.04      05                GLOB UNIF     WV 0 8
    3147  LOAD A  651 701     3.05      04   4.05      04                GLOB UNIF     WV 0 8
    3148  LOAD Y  651 701     3.05-     02   4.05-     03                GLOB UNIF     WV 0 8
    3149  LOAD Z  651 701     3.05       1   4.05       1                GLOB UNIF     WV 0 8
    3150  LOAD A  653 703     3.05-     04   4.05-     04                GLOB UNIF     WV 0 8
    3151  LOAD Y  653 703     3.05-     02   4.05-     03                GLOB UNIF     WV 0 8
    3152  LOAD Z  653 703     3.05       1   4.05       1                GLOB UNIF     WV 0 8
    3153  LOAD Y  656 706     2.42-     03   4.08-     04                GLOB UNIF     WV 0 8
    3154  LOAD Z  656 706     2.42          4.08-      1                GLOB UNIF     WV 0 8
    3155  LOAD A  701 801     0.00      03  14.19      03                GLOB UNIF     WV 0 8
    3156  LOAD Y  701 801     0.00-     02  14.19-     02                GLOB UNIF     WV 0 8
    3157  LOAD Z  701 801     0.00       1  14.19                        GLOB UNIF     WV 0 8
    3158  LOAD A  701 801    14.19      03  14.19      02                GLOB UNIF     WV 0 8
    3159  LOAD Y  701 801    14.19-     02  14.19-      1                GLOB UNIF     WV 0 8
    3160  LOAD A  703 803     0.00-     03  14.19-     03                GLOB UNIF     WV 0 8
    3161  LOAD Y  703 803     0.00-     02  14.19-     02                GLOB UNIF     WV 0 8
    3162  LOAD Z  703 803     0.00       1  14.19                        GLOB UNIF     WV 0 8
    3163  LOAD A  703 803    14.19-     03  14.19-     02                GLOB UNIF     WV 0 8
    3164  LOAD Y  703 803    14.19-     02  14.19-      1                GLOB UNIF     WV 0 8
    3165  LOAD Y  706 806     0.00-     03   9.46-     05                GLOB UNIF     WV 0 8
    3166  LOAD Z  706 806     0.00          9.46-      1                GLOB UNIF     WV 0 8
    3167  LOAD Y  706 806     9.46-     05   9.46-     07                GLOB UNIF     WV 0 8
    3168  LOAD Z  706 806     9.46-      1   9.46-      1                GLOB UNIF     WV 0 8
    3169  LOAD Y  706 806    10.92-     07   9.46-     08                GLOB UNIF     WV 0 8
    3170  LOAD Z  706 806    10.92-      1   9.46-      1                GLOB UNIF     WV 0 8
    3171  LOAD A  801 901     0.00      02  16.22      02                GLOB UNIF     WV 0 8
          LOAD Y  801 901     0.00-      1  16.22                        GLOB UNIF     WV 0 8
          LOAD A  801 901    16.22      02  16.22       1                GLOB UNIF     WV 0 8
          LOAD Y  801 901    17.18          15.27      02                GLOB UNIF     WV 0 8
          LOAD A  803 903     0.00-     02  16.22-     02                GLOB UNIF     WV 0 8
          LOAD Y  803 903     0.00-      1  16.22                        GLOB UNIF     WV 0 8
          LOAD A  803 903    16.22-     02  16.22-      1                GLOB UNIF     WV 0 8
          LOAD Y  803 903    17.18          15.27      02                GLOB UNIF     WV 0 8
                  A  805      0.00-     08  10.81-     10                GLOB UNIF     WV 0 8
                  Y  805      0.00-      1  10.81-     02                GLOB UNIF     WV 0 8
                  A  805     10.81-     10  10.81-     12                GLOB UNIF     WV 0 8
                  Y  805     10.81-     02  10.81-     02                GLOB UNIF     WV 0 8
                  A  805     21.63-     12  10.81-     13                GLOB UNIF     WV 0 8
                  Y  805     21.63-     02  10.81-     02                GLOB UNIF     WV 0 8
                                        1  16.22       1                GLOB UNIF     WV 0 8
                                       02  16.22      04                GLOB UNIF     WV 0 8
                                        1  16.22                        GLOB UNIF     WV 0 8
                                       04  16.22      07                GLOB UNIF     WV 0 8
                                           16.22-      1                GLOB UNIF     WV 0 8
                                        1  16.22-      1                GLOB UNIF     WV 0 8
                                        2  16.22      04                GLOB UNIF     WV 0 8
                                        1  16.22                        GLOB UNIF     WV 0 8
```

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING.. (U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 5/11

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

LINE NO.		1 1	2 2	3 3	4 4	5 5	6 6	7 7	8		
		1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0									
3193	LOAD Y	9031003	16.22	04	16.22	07		GLOB UNIF	WV 0 8		
3194	LOAD Z	9031003	16.22		16.22-	1		GLOB UNIF	WV 0 8		
3195	LOAD Y	9061006	0.00-	13	16.22-	14		GLOB UNIF	WV 0 8		
3196	LOAD Z	9061006	0.00-	02	16.22-	02		GLOB UNIF	WV 0 8		
3197	LOAD Y	9061006	16.22-	14	16.22-	14		GLOB UNIF	WV 0 8		
3198	LOAD Z	9061006	16.22-	02	16.22-	02		GLOB UNIF	WV 0 8		
3199	LOADCN	9									
3200	LOAD Z	101 102	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3201	LOAD Z	102 103	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3202	LOAD Z	103 105	0.00	-.055	14.49	-.055		GLOB UNIF	DL 0 9		
3203	LOAD Z	105 106	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3204	LOAD Z	101 104	0.00	-.055	14.49	-.055		GLOB UNIF	DL 0 9		
3205	LOAD Z	104 106	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3206	LOAD Z	102 104	0.00	-.024	14.49	-.024		GLOB UNIF	DL 0 9		
3207	LOAD Z	102 105	0.00	-.024	14.49	-.024		GLOB UNIF	DL 0 9		
3208	LOAD Z	104 105	0.00	-.024	14.50	-.024		GLOB UNIF	DL 0 9		
3209	LOAD Z	201 202	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3210	LOAD Z	202 203	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3211	LOAD Z	203 205	0.00	-.055	14.49	-.055		GLOB UNIF	DL 0 9		
3212	LOAD Z	205 206	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3213	LOAD Z	201 204	0.00	-.055	14.49	-.055		GLOB UNIF	DL 0 9		
3214	LOAD Z	204 206	0.00	-.055	14.50	-.055		GLOB UNIF	DL 0 9		
3215	LOAD Z	202 204	0.00	-.024	14.49	-.024		GLOB UNIF	DL 0 9		
3216	LOAD Z	202 205	0.00	-.024	14.49	-.024		GLOB UNIF	DL 0 9		
3217	LOAD Z	204 205	0.00	-.024	14.50	-.024		GLOB UNIF	DL 0 9		
3218	LOAD Z	201 303	0.00	-.065	32.65	-.065		GLOB UNIF	DL 0 9		
3219	LOAD Z	203 306	0.00	-.065	32.65	-.065		GLOB UNIF	DL 0 9		
3220	LOAD Z	206 301	0.00	-.065	32.65	-.065		GLOB UNIF	DL 0 9		
3221	LOAD Z	301 403	0.00	-.065	40.66	-.065		GLOB UNIF	DL 0 9		
3222	LOAD Z	106 201	0.00	-.065	32.65	-.065		GLOB UNIF	DL 0 9		
3223	LOAD Z	301 303	0.00	-.065	24.00	-.065		GLOB UNIF	DL 0 9		
3224	LOAD Z	303 306	0.00	-.065	24.00	-.065		GLOB UNIF	DL 0 9		
3225	LOAD Z	301 306	0.00	-.065	24.00	-.065		GLOB UNIF	DL 0 9		
3226	LOAD Z	501 502	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9		
3227	LOAD Z	502 503	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9		
3228	LOAD Z	503 505	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9		
3229	LOAD Z	505 506	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9		
3230	LOAD Z	501 504	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9		
3231	LOAD Z	504 506	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9		
3232	LOAD Z	502 504	0.00	-.040	15.15	-.040		GLOB UNIF	DL 0 9		
3233	LOAD Z	502 505	0.00	-.040	15.15	-.040		GLOB UNIF	DL 0 9		
3234	LOAD Z	504 505	0.00	-.040	15.16	-.040		GLOB UNIF	DL 0 9		
3235	LOAD Z	501 507	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9		
3236	LOAD Z	507 510	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9		
3237	LOAD Z	503 508	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9		
3238	LOAD Z	508 511	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9		
3239	LOAD Z	506 509	0.00	-.170	2.55	-.170		GLOB UNIF	DL 0 9		
3240	LOAD Z	509 512	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9		
3241	LOAD Z	501 513	0.00	-.065	2.99	-.065		GLOB UNIF	DL 0 9		
3242	LOAD Z	503 514	0.00	-.065	2.99	-.065		GLOB UNIF	DL 0 9		

LINE NO.																	
3243	LOAD	4	513	651	0.00	-.093	12.00	-.093				GLOB	UNIF	DL	0	9	
3244	LOAD	4	513	651	12.00	.020	0.00	.020				GLOB	UNIF	DL	0	9	
3245	LOAD	4	514	653	0.00	-.093	12.00	-.093				GLOB	UNIF	DL	0	9	
3246	LOAD	4	514	653	12.00	.020	0.00	.020				GLOB	UNIF	DL	0	9	
3247	LOAD	4	601	611	0.00	-.089	6.00	-.089				GLOB	UNIF	DL	0	9	
3248	LOAD	4	605	615	0.00	-.089	6.00	-.089				GLOB	UNIF	DL	0	9	
3249	LOAD	4	651	661	0.00	-.049	5.00	-.049				GLOB	UNIF	DL	0	9	
3250	LOAD	4	655	665	0.00	-.049	5.00	-.049				GLOB	UNIF	DL	0	9	
3251	LOAD	4	611	612	0.00	-.043	10.01	-.043				GLOB	UNIF	DL	0	9	
3252	LOAD	4	612	613	0.00	-.043	10.01	-.043				GLOB	UNIF	DL	0	9	
3253	LOAD	4	661	662	0.00	-.017	17.74	-.017				GLOB	UNIF	DL	0	9	
3254	LOAD	4	662	663	0.00	-.017	17.74	-.017				GLOB	UNIF	DL	0	9	
3255	LOAD	4	611	661	0.00	-.089	6.06	-.089				GLOB	UNIF	DL	0	9	
3256	LOAD	4	611	661	6.06	-.049	6.06	-.049				GLOB	UNIF	DL	0	9	
3257	LOAD	4	612	662	0.00	-.089	6.00	-.089				GLOB	UNIF	DL	0	9	
3258	LOAD	4	612	662	6.00	-.049	6.00	-.049				GLOB	UNIF	DL	0	9	
3259	LOAD	4	613	663	0.00	-.089	6.06	-.089				GLOB	UNIF	DL	0	9	
3260	LOAD	4	613	663	6.06	-.049	6.06	-.049				GLOB	UNIF	DL	0	9	
3261	LOAD	4	501	622	0.00	-.129	20.41	-.129				GLOB	UNIF	DL	0	9	
3262	LOAD	4	622	703	0.00	.010	21.77	.010				GLOB	UNIF	DL	0	9	
3263	LOAD	4	503	625	0.00	-.129	20.25	-.129				GLOB	UNIF	DL	0	9	
3264	LOAD	4	625	706	0.00	.010	21.93	.010				GLOB	UNIF	DL	0	9	
3265	LOAD	4	506	624	0.00	-.129	20.24	-.129				GLOB	UNIF	DL	0	9	
3266	LOAD	4	624	701	0.00	.010	21.94	.010				GLOB	UNIF	DL	0	9	
3267	LOAD	4	701	702	0.00	-.009	18.76	-.009				GLOB	UNIF	DL	0	9	
3268	LOAD	4	702	703	0.00	-.009	18.76	-.009				GLOB	UNIF	DL	0	9	
3269	LOAD	4	703	705	0.00	-.009	18.75	-.009				GLOB	UNIF	DL	0	9	
3270	LOAD	4	705	706	0.00	-.009	18.76	-.009				GLOB	UNIF	DL	0	9	
3271	LOAD	4	701	704	0.00	-.009	18.75	-.009				GLOB	UNIF	DL	0	9	
3272	LOAD	4	704	706	0.00	-.009	18.76	-.009				GLOB	UNIF	DL	0	9	
3273	LOAD	4	701	707	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3274	LOAD	4	707	710	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3275	LOAD	4	705	708	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3276	LOAD	4	708	711	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3277	LOAD	4	706	709	0.00	-.148	2.53	-.148				GLOB	UNIF	DL	0	9	
3278	LOAD	4	709	712	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3279	LOAD	4	701	606	0.00	.010	50.16	.010				GLOB	UNIF	DL	0	9	
3280	LOAD	4	705	601	0.00	.010	50.16	.010				GLOB	UNIF	DL	0	9	
3281	LOAD	4	706	603	0.00	.010	50.16	.010				GLOB	UNIF	DL	0	9	
3282	LOAD	4	601	602	0.00	-.004	22.79	-.004				GLOB	UNIF	DL	0	9	
3283	LOAD	4	602	603	0.00	-.004	22.79	-.004				GLOB	UNIF	DL	0	9	
3284	LOAD	4	603	605	0.00	-.004	22.79	-.004				GLOB	UNIF	DL	0	9	
3285	LOAD	4	605	606	0.00	-.004	22.80	-.004				GLOB	UNIF	DL	0	9	
3286	LOAD	4	601	604	0.00	-.004	22.79	-.004				GLOB	UNIF	DL	0	9	
3287	LOAD	4	604	606	0.00	-.004	22.80	-.004				GLOB	UNIF	DL	0	9	
3288	LOAD	4	801	807	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3289	LOAD	4	807	810	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3290	LOAD	4	805	808	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3291	LOAD	4	808	811	0.00	-.148	2.54	-.148				GLOB	UNIF	DL	0	9	
3292	LOAD	4	809	809	0.00	-.148	2.53	-.148				GLOB	UNIF	DL	0	9	

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    3293 LOAD Z  809 812   0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3294 LOAD Z  801 903   0.00   .010  59.00   .010                    GLOB UNIF     DL 0 9
    3295 LOAD Z  803 905   0.00   .010  59.00   .010                    GLOB UNIF     DL 0 9
    3296 LOAD Z  806 901   0.00   .010  59.00   .010                    GLOB UNIF     DL 0 9
    3297 LOAD Z  901 902   0.00   .006  27.42   .006                    GLOB UNIF     DL 0 9
    3298 LOAD Z  902 903   0.00   .006  27.42   .006                    GLOB UNIF     DL 0 9
    3299 LOAD Z  903 905   0.00   .006  27.41   .006                    GLOB UNIF     DL 0 9
    3300 LOAD Z  905 906   0.00   .006  27.42   .006                    GLOB UNIF     DL 0 9
    3301 LOAD Z  901 904   0.00   .006  27.41   .006                    GLOB UNIF     DL 0 9
    3302 LOAD Z  901 906   0.00   .006  27.42   .006                    GLOB UNIF     DL 0 9
    3303 LOAD Z  901 907   0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3304 LOAD Z  907 910   0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3305 LOAD Z  903 908   0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3306 LOAD Z  905 911   0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3307 LOAD Z  906 909   0.00  -.148   2.53  -.148                    GLOB UNIF     DL 0 9
    3308 LOAD Z  909 912   0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3309 LOAD Z  9011002   0.00   .020  42.23   .020                    GLOB UNIF     DL 0 9
    3310 LOAD Z  9031002   0.00   .020  42.23   .020                    GLOB UNIF     DL 0 9
    3311 LOAD Z  9031005   0.00   .020  42.23   .020                    GLOB UNIF     DL 0 9
    3312 LOAD Z  9061005   0.00   .020  42.22   .020                    GLOB UNIF     DL 0 9
    3313 LOAD Z  9011004   0.00   .020  42.23   .020                    GLOB UNIF     DL 0 9
    3314 LOAD Z  9061004   0.00   .020  42.22   .020                    GLOB UNIF     DL 0 9
    3315 LOAD Z  10011002  0.00   .010  32.04   .010                    GLOB UNIF     DL 0 9
    3316 LOAD Z  10021003  0.00   .010  32.04   .010                    GLOB UNIF     DL 0 9
    3317 LOAD Z  10031005  0.00   .010  32.04   .010                    GLOB UNIF     DL 0 9
    3318 LOAD Z  10051006  0.00   .010  32.04   .010                    GLOB UNIF     DL 0 9
    3319 LOAD Z  10011004  0.00   .010  32.04   .010                    GLOB UNIF     DL 0 9
    3320 LOAD Z  10041006  0.00   .010  32.04   .010                    GLOB UNIF     DL 0 9
    3321 LOAD Z  10021004  0.00   .014  32.04   .014                    GLOB UNIF     DL 0 9
    3322 LOAD Z  10021005  0.00   .014  32.04   .014                    GLOB UNIF     DL 0 9
    3323 LOAD Z  10041005  0.00   .014  32.04   .014                    GLOB UNIF     DL 0 9
    3324 LOAD Z  10011007  0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3325 LOAD Z  10071010  0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3326 LOAD Z  10031008  0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3327 LOAD Z  10051011  0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3328 LOAD Z  10051009  0.00  -.148   2.53  -.148                    GLOB UNIF     DL 0 9
    3329 LOAD Z  10041012  0.00  -.148   2.54  -.148                    GLOB UNIF     DL 0 9
    3330 LOAD Z  101 201   0.00  -.310  15.00  -.310                    GLOB UNIF     DL 0 9
    3331 LOAD Z  103 203   0.00  -.310  15.00  -.310                    GLOB UNIF     DL 0 9
    3332 LOAD Z  106 206   0.00  -.310  15.00  -.310                    GLOB UNIF     DL 0 9
    3333 LOAD Z  201 301   0.00  -.310  15.00  -.310                    GLOB UNIF     DL 0 9
    3334 LOAD Z  203 303   0.00  -.310  15.00  -.310                    GLOB UNIF     DL 0 9
    3335 LOAD Z  206 306   0.00  -.310  15.00  -.310                    GLOB UNIF     DL 0 9
    3336 LOAD Z  301 401   0.00  -.310  20.50  -.310                    GLOB UNIF     DL 0 9
    3337 LOAD Z  303 403   0.00  -.310  20.50  -.310                    GLOB UNIF     DL 0 9
    3338 LOAD Z  306 406   0.00  -.310  20.50  -.310                    GLOB UNIF     DL 0 9
    3339 LOAD Z  401 501   0.00  -.065   4.56  -.065                    GLOB UNIF     DL 0 9
    3340 LOAD Z  403 503   0.00  -.065   4.56  -.065                    GLOB UNIF     DL 0 9
    3341 LOAD Z  406 506   0.00  -.065   4.56  -.065                    GLOB UNIF     DL 0 9
    3342 LOAD Z  501 601   0.00  -.486   6.08  -.486                    GLOB UNIF     DL 0 9
```

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    3343 LOAD Z  503 603     0.00   -.486     6.08   -.486                GLOB UNIF     DL 0 9
    3344 LOAD Z  506 606     0.00   -.486     6.08   -.486                GLOB UNIF     DL 0 9
    3345 LOAD Z  601 621     0.00   -.486     6.08   -.486                GLOB UNIF     DL 0 9
    3346 LOAD Z  603 623     0.00   -.486     6.08   -.486                GLOB UNIF     DL 0 9
    3347 LOAD Z  606 626     0.00   -.486     6.08   -.486                GLOB UNIF     DL 0 9
    3348 LOAD Z  621 651     0.00   -.423     6.08   -.423                GLOB UNIF     DL 0 9
    3349 LOAD Z  623 653     0.00   -.423     6.08   -.423                GLOB UNIF     DL 0 9
    3350 LOAD Z  626 656     0.00   -.423     6.08   -.423                GLOB UNIF     DL 0 9
    3351 LOAD Z  651 701     0.00   -.423     7.10   -.423                GLOB UNIF     DL 0 9
    3352 LOAD Z  653 703     0.00   -.423     7.10   -.423                GLOB UNIF     DL 0 9
    3353 LOAD Z  656 706     0.00   -.423     7.10   -.423                GLOB UNIF     DL 0 9
    3354 LOAD Z  701 801     0.00   -.209    26.38   -.209                GLOB UNIF     DL 0 9
    3355 LOAD Z  703 803     0.00   -.209    26.38   -.209                GLOB UNIF     DL 0 9
    3356 LOAD Z  706 806     0.00   -.209    26.39   -.209                GLOB UNIF     DL 0 9
    3357 LOAD Z  801 901     0.00   -.209    32.44   -.209                GLOB UNIF     DL 0 9
    3358 LOAD Z  803 903     0.00   -.209    32.44   -.209                GLOB UNIF     DL 0 9
    3359 LOAD Z  806 906     0.00   -.209    32.44   -.209                GLOB UNIF     DL 0 9
    3360 LOAD Z 9011001      0.00   -.209    32.44   -.209                GLOB UNIF     DL 0 9
    3361 LOAD Z 9031003      0.00   -.209    32.44   -.209                GLOB UNIF     DL 0 9
    3362 LOAD Z 9061006      0.00   -.209    32.44   -.209                GLOB UNIF     DL 0 9
    3363 LOAD Z  401 511     0.00   -.752     4.57   -.752                GLOB UNIF     DL 0 9
    3364 LOAD Z  403 511     0.00   -.752     4.57   -.752                GLOB UNIF     DL 0 9
    3365 LOAD Z  406 512     0.00   -.752     4.57   -.752                GLOB UNIF     DL 0 9
    3366 LOAD Z  510 710     0.00   -.752    12.16   -.752                GLOB UNIF     DL 0 9
    3367 LOAD Z  510 710    12.16   -.654    13.19   -.654                GLOB UNIF     DL 0 9
    3368 LOAD Z  511 711     0.00   -.752    12.16   -.752                GLOB UNIF     DL 0 9
    3369 LOAD Z  511 711    12.16   -.654    13.19   -.654                GLOB UNIF     DL 0 9
    3370 LOAD Z  512 712     0.00   -.752    12.16   -.752                GLOB UNIF     DL 0 9
    3371 LOAD Z  512 712    12.16   -.654    13.19   -.654                GLOB UNIF     DL 0 9,
    3372 LOAD Z  710 810     0.00   -.743    26.38   -.743                GLOB UNIF     DL 0 9
    3373 LOAD Z  711 811     0.00   -.743    26.38   -.743                GLOB UNIF     DL 0 9
    3374 LOAD Z  712 812     0.00   -.743    26.39   -.743                GLOB UNIF     DL 0 9
    3375 LOAD Z  810 910     0.00   -.743    32.44   -.743                GLOB UNIF     DL 0 9
    3376 LOAD Z  811 911     0.00   -.743    32.44   -.743                GLOB UNIF     DL 0 9
    3377 LOAD Z  812 912     0.00   -.743    32.44   -.743                GLOB UNIF     DL 0 9
    3378 LOAD Z 1010 910     0.00   -.674    32.44   -.674                GLOB UNIF     DL 0 9
    3379 LOAD Z 1011 911     0.00   -.674    32.44   -.674                GLOB UNIF     DL 0 9
    3380 LOAD Z 1012 912     0.00   -.674    32.44   -.674                GLOB UNIF     DL 0 9
    3381 END
```

```
NO. OF WARNING ERROR = 45

 NO. OF FATAL ERRORS = 0


*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 36     JS= 501     JE= 507

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 37     JS= 507     JE= 510

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 38     JS= 503     JE= 508

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 39     JS= 508     JE= 511

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 40     JS= 506     JE= 509

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 41     JS= 509     JE= 512

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 72     JS= 701     JE= 707

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 73     JS= 707     JE= 710

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 74     JS= 703     JE= 708

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 75     JS= 708     JE= 711
```

THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 76 JS= 706 JE= 709

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 77 JS= 709 JE= 712

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 90 JS= 801 JE= 807

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 91 JS= 807 JE= 810

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 92 JS= 803 JE= 806

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 93 JS= 808 JE= 811

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 94 JS= 806 JE= 809

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 95 JS= 809 JE= 812

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 108 JS= 901 JE= 907

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 109 JS= 907 JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 110 JS= 903 JE= 906

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 111 JS= 908 JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 112 JS= 906 JE= 909

*** WARNING NO. SL. 7 ***

MEMBER= 113 JS= 909 JE= 912

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 129 JS=1001 JE=1007

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 130 JS=1007 JE=1010

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 131 JS=1003 JE=1008

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 132 JS=1008 JE=1011

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 133 JS=1006 JE=1009

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 134 JS=1009 JE=1012

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 166 JS= 401 JE= 510

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 169 JS= 403 JE= 511

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 170 JS= 406 JE= 512

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 171 JS= 510 JE= 710

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 172 JS= 511 JE= 711

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 173 JS= 512 JE= 712

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 174 JS= 710 JE= 810

*** WARNING NO. SL. 7 ***
MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPE

MEMBER= 175 JS= 711 JE= 811

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 176 JS= 712 JE= 812

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 177 JS= 810 JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 178 JS= 811 JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 179 JS= 812 JE= 912

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 180 JS=1010 JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 181 JS=1011 JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 182 JS=1012 JE= 912

APPENDIX B.3

STRAN - 50 Year Storm

6000 REMOTE BATCH

UNITED COMPUTING 6/. AMEX/8L 8.7.0

08.08.08. 08/30/76.

```
PPPPPPPPPPP   UU      UU  YY      YY  333333333333  FFFFFFFFFFFF  VV      VV   CCCCCCCCCC
PPPPPPPPPPPP  UU      UU  YY      YY  333333333333  FFFFFFFFFFFF  VV      VV  CCCCCCCCCCCC
PP        PP  UU      UU  YY      YY  3         33  FF            VV      VV  CC        CC
PP        PP  UU      UU  YY      YY            33  FF            VV      VV  CC
PP        PP  UU      UU  YY      YY            33  FF            VV      VV  CC
PP        PP  UU      UU  YY      YY            33  FF            VV      VV  CC
PPPPPPPPPPP   UU      UU  YYY    YYY            33  FF            VV    VV    CC
PPPPPPPPPPP   UU      UU   YYY  YYY             33  FFFFFFFF      VV    VV    CC
PP            UU      UU    YYYYY              33  FFFFFFFF      VV    VV    CC
PP            UU      UU     YY                33  FF            VV  VV      CC
PP            UU      UU     YY                33  FF            VV  VV      CC
PP            UU      UU     YY                33  FF            VV  VV      CC
PP            UU      UU     YY                33  FF            V   V       CC
PP            UU      UU     YY          3     33  FF            VVVV        CC        CC
PP            UUUUUUUUUU     YY          333333333  FF            VVVV        CCCCCCCCCCCC
PP             UUUUUUUU      YY           333333333  FF             VV         CCCCCCCCCC
```

SYNERCOM TECHNOLOGY USER BULLETIN

STRAN BULLETIN #5
*** ENDLOAD ***

THE METHOD FOR CALCULATING THE MOMENTS, SHEARS, AND AXIAL FORCES AT THE EXTREME ENDS OF A MEMBER HAS BEEN MODIFIED TO CORRECTLY INCLUDE CONCENTRATED LOADS OR MOMENTS APPLIED AT THE ENDS OF THE MEMBER. THIS TECHNIQUE IS BELIEVED TO GIVE THE TRUE EVALUATION OF THE ACTIONS AT THE ENDS OF A MEMBER DUE TO JOINT LOADS APPLIED AS MEMBER END LOADS. THEREFORE, FOR ANY MEMBER HAVING END LOADS--

1. ALL MEMBER STRESS REPORTS MAY BE EFFECTED.
2. SHEAR STRESSES WILL CHANGE WHERE CONCENTRATED LOADS ARE APPLIED AT THE MEMBER END.
3. BENDING OR TORSIONAL STRESSES WILL CHANGE WHERE MOMENT LOADS ARE APPLIED AT THE MEMBER END.
4. STRESSES OTHER THAN AT THE END WHERE THE LOAD IS APPLIED WILL NOT CHANGE.
5. MEMBERS WITHOUT END LOADS WILL NOT CHANGE.
6. THE MEMBER FORCES AND MOMENTS REPORT DOES NOT CHANGE.

HAVE YOU READ BULLETIN NO.4 REGARDING THE NEW ALLOWABLE STRESS AND UNITY CHECK FEATURES.

NOTE - IF YOU DO NOT HAVE ALL OF THE BULLETINS, YOU MAY OBTAIN A COPY BY SUBMITING A RUN WITH THE FOLLOWING CONTROL CARDS:

```
GET,MARCBUL.
COPYSBF,MARCBUL.
```

```
**********************************************
*                                            *
*                  STRAN                     *
* A SYNERCOM TECHNOLOGY, INC. DEVELOPMENT    *
*              RELEASE 6  MOD 14             *
*                 JUNE 1976                  *
*                                            *
**********************************************

                                                                    DATE   08/27/76
U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

                          ***PROGRAM OPTIONS***

THE FOLLOWING OPTIONS HAVE BEEN REQUESTED FOR THIS ANALYSIS

INPUT
     ....CARD PLUS DATA FILE INPUT

INPUT UNITS
     ....ENGLISH

OUTPUT UNITS
     ....ENGLISH

EXECUTION
     ....UNITY CHECK
         ..UNITY CHECKS COMPUTED BY AMERICAN PETROLEUM
           INSTITUTE REPORT API-RP-2A, JAN 75, SECTIONS
           2.13, 2.19.  RESULTS INVALID FOR A514 STEEL.
     ....NO. OF SEGMENTS              4
     ....VARBL MEMB, SEGMENTS/SECT 1

LOAD
     ....NO. BASIC LOAD CONDS.      9
     ....NO. COMBINED LOAD CONDS.   8

REPORT
     ....INPUT ECHO AND GROUP PROP          PRINT
     ....JOINT DEFLECTIONS                  PRINT
     ....GROUP AND UN CHK SUMMARY           PRINT
     ....MEMBER STRESS REPORT NO.  1        PRINT
     ....MEMBER STRESS REPORT NO.  2        PRINT
     ....MEMBER STRESS REPORT NO.  3        PRINT
     ....MEMBER DETAIL REPORT               PRINT
     ....REACTION FORCES AND MOMTS          PRINT
     ....EQUILIBRIUM CHECK                  PRINT

EQUILIBRIUM CHECK EDIT VALUES
     ....FORCES     50.00 LB
     ....MOMENTS   100.00 IN-LB

ALLOWABLE STRESS INCREASE FACTORS
     ....LOAD CONDITION          10        1.333
     ....LOAD CONDITION          11        1.333
     ....LOAD CONDITION          12        1.333
     ....LOAD CONDITION          13        1.333
```

....LOAD CONDITION	15	1.333
....LOAD CONDITION	16	1.333
....LOAD CONDITION	17	1.333

S T R A N - G R O U P P R O P E R T I E S R E P O R T

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM
TUBULAR MEMBER PROPERTIES

GRP	M/S	JOINT THICK FT.	WT IN.	OD IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	SHEAR AREA IN2	INPUT SEC LEN FT.
*** E = 29000000.0 PSI, G = 11600000.0 PSI ***													
086	1	=0.00	.500	8.62	12.75	211.04	105.52	105.52	36.0	1.0	1.0	6.38	=0.00
105	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
106	1	=0.00	.844	10.75	26.27	649.04	324.52	324.52	36.0	1.0	1.0	13.13	=0.00
107	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
108	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
109	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
120	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
125	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
123	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
137	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	1.6	.8	9.62	=0.00
140	1	=0.00	.375	14.00	16.05	745.52	372.76	372.76	36.0	.8	.8	8.03	=0.00
148	1	=0.00	.500	14.00	21.21	967.51	483.76	483.76	36.0	1.6	.8	10.60	=0.00
140	1	=0.00	.375	14.00	16.05	745.52	372.76	372.76	36.0	.8	.8	8.03	=0.00
155	1	=0.00	.625	16.00	30.19	1787.03	893.52	893.52	36.0	1.6	.8	15.09	=0.00
159	1	=0.00	.500	16.00	24.35	1463.88	731.94	731.94	36.0	1.6	.8	12.17	=0.00
160	1	=0.00	.500	16.00	27.49	2106.34	1053.17	1053.17	36.0	.8	.8	13.74	=0.00
200	1	=0.00	.625	20.00	38.04	3573.94	1786.97	1786.97	36.0	.8	.8	19.02	=0.00
200	1	=0.00	.625	20.00	38.04	3573.94	1786.97	1786.97	36.0	1.6	.8	19.02	=0.00
36L	1	=0.00	1.500	30.00	91.11	19177.85	9588.93	9588.93	36.0	1.0	1.0	45.55	=0.00
P1	1	=0.00	1.750	42.00	221.29	89793.68	44896.84	44896.84	36.0	1.0	1.0	110.64	=0.00
P2	1	=0.00	2.000	42.00	251.33	100782.29	50391.15	50391.15	36.0	1.0	1.0	125.66	=0.00
P3	1	=0.00	2.375	42.00	295.65	116471.24	58235.62	58235.62	36.0	1.0	1.0	147.83	=0.00
3L4	1	=0.00	1.750	48.00	254.27	136170.95	68085.48	68085.48	36.0	1.0	1.0	127.14	=0.00
3L5	1	=0.00	1.000	48.50	142.94	74017.39	37008.70	37008.70	36.0	1.0	1.0	71.47	=0.00
3L6	1	=0.00	1.000	48.50	142.94	74017.39	37008.70	37008.70	36.0	1.0	1.0	71.47	=0.00
3L7	1	=0.00	.500	45.50	70.69	35769.12	17884.56	17884.56	36.0	1.0	1.0	35.34	=0.00
3L8	1	=0.00	.500	45.50	70.69	35769.12	17884.56	17884.56	36.0	1.0	1.0	35.34	=0.00
3L9	1	=0.00	.500	45.50	70.69	35769.12	17884.56	17884.56	36.0	1.0	1.0	35.34	=0.00
8M	1	=0.00	.500	16.00	27.49	2106.34	1053.17	1053.17	36.0	1.0	1.0	13.74	=0.00

STRAN - GROUP PROPERTIES REPORT

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM
WIDE FLANGE/WIDE FLANGE COMPACT MEMBER PROPERTIES

GRP	M/S	JOINT THICK FT.	FLANGE THICK IN.	FLANGE WIDTH IN.	WEB THICK IN.	FILET RADIUS IN.	DEPTH IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	LB FT.	INPUT SEC LEN FT.
		*** E = 29000000.0 PSI, G = 11600000.0 PSI ***														
W18	1	-0.00	.570	7.50	.358	.500	18.00	16.20	1.25	802.00	40.20	36.0	2.0	.5	.01	-0.00
W33	1	-0.00	.398	6.50	.245	.500	7.93	7.06	.34	82.50	18.20	36.0	1.0	1.0	.01	-0.00
W08	1	-0.00	.269	6.00	.235	.500	6.00	4.56	.11	30.10	9.67	36.0	1.0	1.0	.01	-0.00

STRAN - GROUP PROPERTIES REPORT

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM
PRISMATIC SECTION MEMBERS

GRP	M/S	JOINT THICK FT.	Z-DPTH IN.	Y-DPTH IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	INPUT SEC LEN FT.
		*** E = 29000000.0 PSI, G = 11600000.0 PSI ***										
MAIN	1	=0.00	10.00	5.00	50.00	30000.00	30000.00	30000.00	36.0	1.0	1.0	=0.00

STRAN INPUT DATA

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1  OPTIONS 1011121314151617
    2  ANOD
    3  ANOD      10 1.333  11 1.333  12 1.333  13 1.333  14 1.333  15 1.333  16 1.333
    4  ANOD      17 1.333
    5  SECT
    6  SECT #ISHBIN    PRI  5000 3000000 5000000 3000000   1000         500
    7  SECT #10X50     #FC  1620     125   80200    4020    750  570 1800  358   50
    8  SECT #8X24      #FC   706      34    8250    1820    650  398  793  245   50
    9  SECT #6X15      #FC   456      11    3010     967    600  269  600  235   50
   10  GRUP
   11  GRUP U96             862  500  29  116  36        100 100       5000
   12  GRUP 105            1075  365  29  116  36        100 100       5000
   13  GRUP 106            1075  844  29  116  36        100 100       5000
   14  GRUP 107            1075  365  29  116  36        100 100       5000
   15  GRUP 108            1075  365  29  116  36        100 100       5000
   16  GRUP 109            1075  365  29  116  36        100 100       5000
   17  GRUP 120            1275  500  29  116  36         80  80       5000
   18  GRUP 125            1275  500  29  116  36         80  80       5000
   19  GRUP 123            1275  500  29  116  36         80  80       5000
   20  GRUP 137            1275  500  29  116  36        160  80       5000
   21  GRUP 140            1400  375  29  116  36         80  80       5000
   22  GRUP 146            1400  500  29  116  36        160  80       5000
   23  GRUP 140            1400  375  29  116  36         80  80       5000
   24  GRUP 165            1600  625  29  116  36        160  80       5000
   25  GRUP 169            1600  500  29  116  36        160  80       5000
   26  GRUP 180            1800  500  29  116  36         80  80       5000
   27  GRUP 200            2000  625  29  116  36         80  80       5000
   28  GRUP 200            2000  625  29  116  36        160  80       5000
   29  GRUP URL            3000 1000  29  116  36        100 100       5000
   30  GRUP  P1            4200 1750  29  116  36        100 100       5000
   31  GRUP  P2            4200 2000  29  116  36        100 100       5000
   32  GRUP  P3            4200 2375  29  116  36        100 100       5000
   33  GRUP JL4            4800 1750  29  116  36        100 100       5000
   34  GRUP JL5            4850 1000  29  116  36        100 100       5000
   35  GRUP JL6            4850 1000  29  116  36        100 100       5000
   36  GRUP JL7            4550  500  29  116  36        100 100       5000
   37  GRUP JL8            4550  500  29  116  36        100 100       5000
   38  GRUP JL9            4550  500  29  116  36        100 100       5000
   39  GRUP BOM            1800  500  29  116  36        100 100       5000
   40  GRUP #NN #ISHBIN                29  116  36
   41  GRUP #10 #10X50                 29  116  36        200  50  01
   42  GRUP #08 #8X24                  29  116  36        100 100  01
   43  GRUP #06 #6X15                  29  116  36        100 100  01
   44  MEMBER
   45  MEMBER  101 102 #18                                                1800
   46  MEMBER  102 103 #18                                                1800
   47  MEMBER  103 105 #18                                                1800
   48  MEMBER  105 106 #18                                                1800
   49  MEMBER  101 104 #18                                                1800
```

STRAN INPUT DATA

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
50	MEMBER	104	106	W1A										1800	
51	MEMBER	102	104	W08										800	
52	MEMBER	102	105	W08										800	
53	MEMBER	104	105	W08										800	
54	MEMBER	201	202	W1A										1800	
55	MEMBER	202	203	W1A										1800	
56	MEMBER	203	205	W1B										1800	
57	MEMBER	205	206	W1B										1800	
58	MEMBER	201	204	W1B										1800	
59	MEMBER	204	206	W1A										1800	
60	MEMBER	202	204	W08										800	
61	MEMBER	202	205	W08										800	
62	MEMBER	204	205	W08										800	
63	MEMBER	201	303	120										2400	
64	MEMBER	203	304	120										2400	
65	MEMBER	206	301	120										3600	
66	MEMBER	301	403	120SK										2400	
67	MEMBER	106	201	120SK										2400	
68	MEMBER	301	303	123										2000	
69	MEMBER	303	304	123										2000	
70	MEMBER	301	304	123										2000	
71	MEMBER	501	502	105										1600	
72	MEMBER	502	503	105										1600	
73	MEMBER	503	505	105										1600	
74	MEMBER	505	506	105										1600	
75	MEMBER	501	504	105										1600	
76	MEMBER	504	506	105										1600	
77	MEMBER	502	504	105										1075	
78	MEMBER	502	505	105										1075	
79	MEMBER	504	505	105										1075	
80	MEMBER	501	507	WBNSK										0000	
81	MEMBER	507	510	WBNSK	1111									0000	
82	MEMBER	503	508	WBNSK										0000	
83	MEMBER	508	511	WBNSK	1111									0000	
84	MEMBER	508	509	WBNSK										0000	
85	MEMBER	509	512	WBNSK	1111									0000	
86	MEMBER	501	513	125SK										1200	
87	MEMBER	503	514	125SK										1200	
88	MEMBER	513	651	RUNSK										4000	
89	MEMBER	514	653	RUNSK										4000	
90	MEMBER	601	611	106SK										1400	
91	MEMBER	603	613	106SK										1400	
92	MEMBER	651	601	106SK										1400	
93	MEMBER	653	603	106SK										1400	
94	MEMBER	611	612	086SK										1200	
95	MEMBER	612	613	086SK										1200	
96	MEMBER	601	602	086SK										2680	
97	MEMBER	602	603	086SK										2680	
98	MEMBER	611	601	106SK										3000	

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - ALW 105.0 FEET - 50 YR STORM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

      99  MEMBER  612 662 106SK                                                        2000
     100  MEMBER  613 663 104SK                                                        3000
     101  MEMBER  501 622 20D                                                          2000
     102  MEMBER  622 703 20D                                                          3032
     103  MEMBER  503 625 20D                                                          2000
     104  MEMBER  625 706 20D                                                          3032
     105  MEMBER  506 624 20D                                                          2000
     106  MEMBER  624 701 20D                                                          3032
     107  MEMBER  701 702 137                                                          2033
     108  MEMBER  702 703 137                                                          2033
     109  MEMBER  703 705 137                                                          2033
     110  MEMBER  705 706 137                                                          2033
     111  MEMBER  701 704 137                                                          2033
     112  MEMBER  704 706 137                                                          2033
     113  MEMBER  702 704 107                                                          1757
     114  MEMBER  702 705 107                                                          1757
     115  MEMBER  704 705 107                                                          1757
     116  MEMBER  701 707 #BMSK                                                        0000
     117  MEMBER  707 710 #BMSK          1111                                          0000
     118  MEMBER  703 708 #BMSK                                                        0000
     119  MEMBER  708 711 #BMSK          1111                                          0000
     120  MEMBER  706 709 #BMSK                                                        0000
     121  MEMBER  709 712 #BMSK          1111                                          0000
     122  MEMBER  701 806 20D                                                          3032
     123  MEMBER  703 801 20D                                                          3032
     124  MEMBER  706 803 20D                                                          3032
     125  MEMBER  801 802 148                                                          2205
     126  MEMBER  802 803 148                                                          2205
     127  MEMBER  803 805 148                                                          2205
     128  MEMBER  805 804 148                                                          2205
     129  MEMBER  801 804 148                                                          2205
     130  MEMBER  804 806 148                                                          2205
     131  MEMBER  802 804 108                                                          1757
     132  MEMBER  802 805 108                                                          1757
     133  MEMBER  804 805 108                                                          1757
     134  MEMBER  801 807 #BMSK                                                        0000
     135  MEMBER  807 810 #BMSK          1111                                          0000
     136  MEMBER  803 808 #BMSK                                                        0000
     137  MEMBER  808 811 #BMSK          1111                                          0000
     138  MEMBER  806 809 #BMSK                                                        0000
     139  MEMBER  809 812 #BMSK          1111                                          0000
     140  MEMBER  801 903 20D                                                          3032
     141  MEMBER  803 906 20D                                                          3032
     142  MEMBER  906 901 20D                                                          3032
     143  MEMBER  901 902 169                                                          2481
     144  MEMBER  902 903 169                                                          2481
     145  MEMBER  903 905 169                                                          2481
     146  MEMBER  905 906 169                                                          2481
     147  MEMBER  901 904 169                                                          2481
```

S T R A N I N P U T D A T A

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0
```

```
  148 MEMBER  904 906 109                                          2481
  149 MEMBER  902 904 109                                          1757
  150 MEMBER  902 905 109                                          1757
  151 MEMBER  904 905 109                                          1757
  152 MEMBER  901 907 MBMSK                                        0000
  153 MEMBER  907 910 MBMSK    1111                                0000
  154 MEMBER  903 908 MBMSK                                        0000
  155 MEMBER  908 911 MBMSK    1111                                0000
  156 MEMBER  906 909 MBMSK                                        0000
  157 MEMBER  909 912 MBMSK    1111                                0000
  158 MEMBER  901 1002 180                                         2757
  159 MEMBER  903 1002 180                                         2757
  160 MEMBER  903 1005 180                                         2757
  161 MEMBER  906 1005 180                                         2757
  162 MEMBER  901 1004 180                                         2757
  163 MEMBER  906 1004 180                                         2757
  164 MEMBER 1001 1002 200                                         3032
  165 MEMBER 1002 1003 200                                         3032
  166 MEMBER 1003 1005 200                                         3032
  167 MEMBER 1005 1006 200                                         3032
  168 MEMBER 1001 1004 200                                         3032
  169 MEMBER 1004 1006 200                                         3032
  170 MEMBER 1002 1004 140                                         2205
  171 MEMBER 1002 1005 140                                         2205
  172 MEMBER 1004 1005 140                                         2205
  173 MEMBER 1001 1007 MBMSK                                       0000
  174 MEMBER 1007 1010 MBMSK   1111                                0000
  175 MEMBER 1003 1008 MBMSK                                       0000
  176 MEMBER 1008 1011 MBMSK   1111                                0000
  177 MEMBER 1005 1009 MBMSK                                       0000
  178 MEMBER 1009 1012 MBMSK   1111                                0000
  179 MEMBER  101 201 DAL                                          3000
  180 MEMBER  103 203 DAL                                          3000
  181 MEMBER  105 205 DAL                                          3000
  182 MEMBER  201 301 DAL                                          3000
  183 MEMBER  203 303 DAL                                          3000
  184 MEMBER  206 306 DAL                                          3000
  185 MEMBER  301 401 DAL                                          3000
  186 MEMBER  303 403 DAL                                          3000
  187 MEMBER  306 406 DAL                                          3000
  188 MEMBER  401 501 JL4                                      F   4800
  189 MEMBER  403 503 JL4                                      F   4800
  190 MEMBER  406 506 JL4                                      F   4800
  191 MEMBER  501 601 JL5                                      F   4750
  192 MEMBER  503 603 JL5                                      F   4750
  193 MEMBER  506 606 JL5                                      F   4750
  194 MEMBER  601 621 JL6                                      F   4750
  195 MEMBER  603 623 JL6                                      F   4750
  196 MEMBER  606 626 JL6                                      F   4750
```

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - ELEV 105.0 FEET - 50 YR STORM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  197  MEMBER  621 651 JL6                                                    F  6823
  198  MEMBER  623 653 JL6                                                    F  6823
  199  MEMBER  625 656 JL6                                                    F  6823
  200  MEMBER  651 701 JL6                                                    F  6823
  201  MEMBER  653 703 JL6                                                    F  6823
  202  MEMBER  656 706 JL6                                                    F  6823
  203  MEMBER  701 801 JL7                                                    F  6547
  204  MEMBER  703 803 JL7                                                    F  6547
  205  MEMBER  706 806 JL7                                                    F  6547
  206  MEMBER  801 901 JL8                                                    F  6547
  207  MEMBER  803 903 JL8                                                    F  6547
  208  MEMBER  806 906 JL8                                                    F  6547
  209  MEMBER  9011001 JL9                                                    F  6547
  210  MEMBER  9031003 JL9                                                    F  6547
  211  MEMBER  9061006 JL9                                                    F  6547
  212  MEMBER  401 510  P1                                                    F  0000 1
  213  MEMBER  403 511  P1                                                    F  0000 2
  214  MEMBER  406 512  P1                                                    F  0000 3
  215  MEMBER  510 710  P1                                                    F  0000 1
  216  MEMBER  511 711  P1                                                    F  0000 2
  217  MEMBER  512 712  P1                                                    F  0000 3
  218  MEMBER  710 810  P2                                                    F  0000 1
  219  MEMBER  711 811  P2                                                    F  0000 2
  220  MEMBER  712 812  P2                                                    F  0000 3
  221  MEMBER  810 910  P2                                                    F  0000 1
  222  MEMBER  811 911  P2                                                    F  0000 2
  223  MEMBER  812 912  P2                                                    F  0000 3
  224  MEMBER 1010 910  P3                                                    F  0000 1
  225  MEMBER 1011 911  P3                                                    F  0000 2
  226  MEMBER 1012 912  P3                                                    F  0000 3
  227  FOUND
  228  CVRG      5  .05       .05       .005
  229  PILE   1010  200.0
  230  PROP        42.0      42.0      2.37     20.0
  231  PROP        42.0      42.0      1.75     70.0
  232  PROP        42.0      42.0      1.50    200.0
  233  MY        2  0.0
  234  FORCE       0.0       0.0
  235  DEPL        0.0      20.0
  236  MY        6  0.0
  237  FORCE       0.0      0.107     0.129     0.153     0.169     0.188
  238  FORCE       0.237     0.237
  239  DEPL        0.0      0.050     0.120     0.270     0.430     0.700
  240  DEPL        1.540    20.000
  241  MY        6  14.0
  242  FORCE       0.0      0.366     0.611     0.906     1.136     1.440
  243  FORCE       2.274     2.274
  244  DEPL        0.0      0.030     0.110     0.260     0.420     0.700
  245  DEPL        1.560    20.000
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
  246  PY          8  24.0
  247  FORCE          0.0        1.244      1.681      2.347      2.895      3.644
  248  FORCE          5.831      5.831
  249  DEPL           0.0        0.070      0.140      0.280      0.430      0.700
  250  DEPL           1.5M0     20.000
  251  PY          8  34.0
  252  FORCE          0.0        3.021      3.695      4.742      5.659      6.950
  253  FORCE         11.120     11.120
  254  DEPL           0.0        0.120      0.190      0.320      0.460      0.700
  255  DEPL           1.5M0     20.000
  256  PY          8  46.0
  257  FORCE          0.0        7.034      8.468      9.913     11.273     13.280
  258  FORCE         21.246     21.246
  259  DEPL           0.0        0.220      0.270      0.380      0.500      0.700
  260  DEPL           1.5M0     20.000
  261  PY          8  60.0
  262  FORCE          0.0       10.718     11.997     14.043     15.970     18.814
  263  FORCE          [illegible]  30.102
  264  DEPL           0.0        0.220      0.270      0.380      0.500      0.700
  265  DEPL           1.5M0     20.000
  266  PY          8 102.0
  267  FORCE          0.0       16.223     17.995     21.064     23.954     28.221
  268  FORCE         45.153     45.153
  269  DEPL           0.0        0.220      0.270      0.380      0.500      0.700
  270  DEPL           1.5M0     20.000
  271  PY          7 102.1
  272  FORCE          0.0        0.967      1.313      1.718      2.418      3.281
  273  FORCE          3.281      0.
  274  DEPL           0.0        0.075      0.190      0.47       1.180      2.940
  275  DEPL          20.000
  276  PY          7 136.0
  277  FORCE          0.0        0.967      1.313      1.718      2.418      3.281
  278  FORCE          3.281
  279  DEPL           0.0        0.075      0.190      0.47       1.180      2.940
  280  DEPL          20.000
  281  PILE  1011   200.0
  282  PILE  1012   200.0
  283  JOINT
  284  JOINT  101    14.50   -8.37 180.00                                   TOP DECK
  285  JOINT  102     0.0    -8.37 180.00                                   TOP DECK
  286  JOINT  103   -14.50   -8.37 180.00                                   TOP DECK
  287  JOINT  104     7.25     4.18 180.00                                  TOP DECK
  288  JOINT  105    -7.25     4.18 180.00                                  TOP DECK
  289  JOINT  106     0.0     10.74 180.00                                  TOP DECK
  290  JOINT  201    14.50   -8.37 165.00                                   EQUIP DECK
  291  JOINT  202     0.0    -8.37 165.00                                   EQUIP DECK
  292  JOINT  203   -14.50   -8.37 165.00                                   EQUIP DECK
  293  JOINT  204     7.25     4.18 165.00                                  EQUIP DECK
  294  JOINT  205    -7.25     4.18 165.00                                  EQUIP DECK
```

STRAN INPUT DATA

U.S. NAVY - ACER PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.			1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																	
295	JOINT	206	0.0	16.74	165.00													EQA DECK
296	JOINT	301	14.50	-8.37	150.00													DK BRACE
297	JOINT	303	-14.50	-8.37	150.00													DK BRACE
298	JOINT	306	0.0	16.74	150.00													DK BRACE
299	JOINT	401	14.50	-8.37	121.50													MP LEVEL
300	JOINT	403	-14.50	-8.37	121.50													MP LEVEL
301	JOINT	406	0.0	16.74	121.50													MP LEVEL
302	JOINT	501	15.15	-8.75	117.00													S LEVEL
303	JOINT	502	0.0	-8.75	117.00													S LEVEL
304	JOINT	503	-15.15	-8.75	117.00													S LEVEL
305	JOINT	504	7.58	4.37	117.00													S LEVEL
306	JOINT	505	-7.58	4.37	117.00													S LEVEL
307	JOINT	506	0.0	17.49	117.00													S LEVEL
308	JOINT	507	17.32	-10.00	117.41													S LEVEL
309	JOINT	508	-17.32	-10.00	117.41													S LEVEL
310	JOINT	509	0.0	19.99	117.41													S LEVEL
311	JOINT	510	15.15	-8.75	116.99													S LEVEL
312	JOINT	511	-15.15	-8.75	116.99													S LEVEL
313	JOINT	512	0.0	17.49	116.99													S LEVEL
314	JOINT	513	17.74	-10.25	11700													S LEVEL
315	JOINT	514	-17.74	-10.25	11700													S LEVEL
316	JOINT	515	0.0	20.49	11700													S LEVEL
317	JOINT	601	16.01	-9.25	111.00													BOAT LOG
318	JOINT	603	-16.01	-9.25	111.00													BOAT LOG
319	JOINT	606	0.0	18.50	111.00													BOAT LOG
320	JOINT	611	16.01	-15.25	11100													BOAT LOG
321	JOINT	612	0.0	-15.25	11100													BOAT LOG
322	JOINT	613	-16.01	-15.25	11100													BOAT LOG
323	JOINT	621	14.48	-9.75	105.00													MLW
324	JOINT	622	-1.33	-9.75	105.00													MLW
325	JOINT	623	-14.48	-9.75	105.00													MLW
326	JOINT	624	9.00	3.90	105.00													MLW
327	JOINT	625	-7.87	5.85	105.00													MLW
328	JOINT	626	0.00	19.49	105.00													MLW
329	JOINT	651	17.74	-10.25	99.00													BOAT LOG
330	JOINT	653	-17.74	-10.25	99.00													BOAT LOG
331	JOINT	656	0.0	20.49	99.00													BOAT LOG
332	JOINT	661	17.74	-15.25	9900													BOAT LOG
333	JOINT	662	0.0	-15.25	9900													BOAT LOG
334	JOINT	663	-17.74	-15.25	9900													BOAT LOG
335	JOINT	701	18.76	-10.83	92.00													7 LEVEL
336	JOINT	702	0.0	-10.83	92.00													7 LEVEL
337	JOINT	703	-18.76	-10.83	92.00													7 LEVEL
338	JOINT	704	9.38	5.41	92.00													7 LEVEL
339	JOINT	705	-9.38	5.41	92.00													7 LEVEL
340	JOINT	706	0.0	21.65	92.00													7 LEVEL
341	JOINT	707	20.93	-12.08	92.41													7 LEVEL
342	JOINT	708	-20.93	-12.08	92.41													7 LEVEL
343	JOINT	709	0.0	24.16	92.41													7 LEVEL

S T R A N I N P U T D A T A

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.										
344	JOINT	710	18.76	-10.83	91.99				7 LEVEL	
345	JOINT	711	-18.76	-10.83	91.99				7 LEVEL	
346	JOINT	712	0.0	21.66	91.99				7 LEVEL	
347	JOINT	801	22.79	-13.16	64.00				8 LEVEL	
348	JOINT	802	0.0	-13.16	64.00				8 LEVEL	
349	JOINT	803	-22.79	-13.16	64.00				8 LEVEL	
350	JOINT	804	11.40	6.58	64.00				8 LEVEL	
351	JOINT	805	-11.40	6.58	64.00				8 LEVEL	
352	JOINT	806	0.0	26.32	64.00				8 LEVEL	
353	JOINT	807	24.96	-14.41	64.41				8 LEVEL	
354	JOINT	808	-24.96	-14.41	64.41				8 LEVEL	
355	JOINT	809	0.0	28.82	64.41				8 LEVEL	
356	JOINT	810	22.79	-13.16	63.99				8 LEVEL	
357	JOINT	811	-22.79	-13.16	63.99				8 LEVEL	
358	JOINT	812	0.0	26.32	63.99				8 LEVEL	
359	JOINT	901	27.42	-15.83	32.00				9 LEVEL	
360	JOINT	902	0.0	-15.83	32.00				9 LEVEL	
361	JOINT	903	-27.42	-15.83	32.00				9 LEVEL	
362	JOINT	904	13.71	7.91	32.00				9 LEVEL	
363	JOINT	905	-13.71	7.91	32.00				9 LEVEL	
364	JOINT	906	0.0	31.66	32.00				9 LEVEL	
365	JOINT	907	29.59	-17.08	32.41				9 LEVEL	
366	JOINT	908	-29.59	-17.08	32.41				9 LEVEL	
367	JOINT	909	0.0	34.16	32.41				9 LEVEL	
368	JOINT	910	27.42	-15.83	31.99				9 LEVEL	
369	JOINT	911	-27.42	-15.83	31.99				9 LEVEL	
370	JOINT	912	0.0	31.66	31.99				9 LEVEL	
371	JOINT	1001	32.04	-18.50	0.0				MUDLINE	
372	JOINT	1002	0.0	-18.50	0.0				MUDLINE	
373	JOINT	1003	-32.04	-18.50	0.0				MUDLINE	
374	JOINT	1004	16.02	9.25	0.0				MUDLINE	
375	JOINT	1005	-16.02	9.25	0.0				MUDLINE	
376	JOINT	1006	0.0	37.00	0.0				MUDLINE	
377	JOINT	1007	34.21	-19.75	0.41				MUDLINE	
378	JOINT	1008	-34.21	-19.75	0.41				MUDLINE	
379	JOINT	1009	0.0	39.50	0.41				MUDLINE	
380	JOINT	1010	32.04	-18.50	-0.01			111111	MUDLINE	
381	JOINT	1010						NONLIN	MUDLINE	
382	JOINT	1010				1010	910	OBLIQU	MUDLINE	
383	JOINT	1011	-32.04	-18.50	-0.01			111111	MUDLINE	
384	JOINT	1011						NONLIN	MUDLINE	
385	JOINT	1011				1011	911	OBLIQU	MUDLINE	
386	JOINT	1012	0.0	37.00	-0.01			111111	MUDLINE	
387	JOINT	1012						NONLIN	MUDLINE	
388	JOINT	1012				1012	912	OBLIQU	MUDLINE	
389	LOAD									
390	LOADCR	1								
391	LOAD X	510	710	7.59	135			GLOB CONC		WN 0 1
392	LOAD Y	510	710			7.59	106399	GLOB MOMT		WN 0 1

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																
393	LOAD	Y	510	710	7.59	234					GLOB	CONC	WN	0	1
394	LOAD	X	510	710					7.59=184288		GLOB	MOMT	WN	0	1
395	LOAD	X	511	711	7.59	135					GLOB	CONC	WN	0	1
396	LOAD	Y	511	711					7.59	106399	GLOB	MOMT	WN	0	1
397	LOAD	Y	511	711	7.59	234					GLOB	CONC	WN	0	1
398	LOAD	X	511	711					7.59=184288		GLOB	MOMT	WN	0	1
399	LOAD	X	512	712	7.59	135					GLOB	CONC	WN	0	1
400	LOAD	Y	512	712					7.59	106399	GLOB	MOMT	WN	0	1
401	LOAD	Y	512	712	7.59	234					GLOB	CONC	WN	0	1
402	LOAD	X	512	712					7.59=184288		GLOB	MOMT	WN	0	1
403	LOAD	X	510	710	7.59	137					GLOB	CONC	WN	0	1
404	LOAD	Y	510	710					7.59	98656	GLOB	MOMT	WN	0	1
405	LOAD	Y	510	710	7.59	238					GLOB	CONC	WN	0	1
406	LOAD	X	510	710					7.59=170877		GLOB	MOMT	WN	0	1
407	LOAD	X	511	711	7.59	137					GLOB	CONC	WN	0	1
408	LOAD	Y	511	711					7.59	98656	GLOB	MOMT	WN	0	1
409	LOAD	Y	511	711	7.59	238					GLOB	CONC	WN	0	1
410	LOAD	X	511	711					7.59=170877		GLOB	MOMT	WN	0	1
411	LOAD	X	512	712	7.59	137					GLOB	CONC	WN	0	1
412	LOAD	Y	512	712					7.59	98656	GLOB	MOMT	WN	0	1
413	LOAD	Y	512	712	7.59	238					GLOB	CONC	WN	0	1
414	LOAD	X	512	712					7.59=170877		GLOB	MOMT	WN	0	1
415	LOAD	X	201	303	19.61	16	4.35	19			GLOB	UNIF	WV	0	1
416	LOAD	Y	201	303	19.61	56	4.35	79			GLOB	UNIF	WV	0	1
417	LOAD	Z	201	303	19.61=	30	4.35=	36			GLOB	UNIF	WV	0	1
418	LOAD	X	201	303	23.95	19	4.35	22			GLOB	UNIF	WV	0	1
419	LOAD	Y	201	303	23.95	79	4.35	98			GLOB	UNIF	WV	0	1
420	LOAD	Z	201	303	23.95=	36	4.35=	42			GLOB	UNIF	WV	0	1
421	LOAD	X	201	303	26.30	22	4.35	24			GLOB	UNIF	WV	0	1
422	LOAD	Y	201	303	26.30	96	4.35	115			GLOB	UNIF	WV	0	1
423	LOAD	Z	201	303	26.30=	42	4.35=	46			GLOB	UNIF	WV	0	1
424	LOAD	X	203	306	30.49	08	2.15	09			GLOB	UNIF	WV	0	1
425	LOAD	Y	203	306	30.49	15	2.15	16			GLOB	UNIF	WV	0	1
426	LOAD	Z	203	306	30.49	33	2.15	37			GLOB	UNIF	WV	0	1
427	LOAD	X	206	301	24.75	76	2.63	97			GLOB	UNIF	WV	0	1
428	LOAD	Y	206	301	24.75	77	2.63	92			GLOB	UNIF	WV	0	1
429	LOAD	Z	206	301	24.75=	54	2.63=	61			GLOB	UNIF	WV	0	1
430	LOAD	X	206	301	27.39	97	2.63	114			GLOB	UNIF	WV	0	1
431	LOAD	Y	206	301	27.39	92	2.63	106			GLOB	UNIF	WV	0	1
432	LOAD	Z	206	301	27.39=	61	2.63=	67			GLOB	UNIF	WV	0	1
433	LOAD	X	206	301	30.02	114	2.63	131			GLOB	UNIF	WV	0	1
434	LOAD	Y	206	301	30.02	106	2.63	119			GLOB	UNIF	WV	0	1
435	LOAD	Z	206	301	30.02=	67	2.63=	73			GLOB	UNIF	WV	0	1
436	LOAD	X	301	403	0.00	39	40.66	38			GLOB	UNIF	WV	0	1
437	LOAD	Y	301	403	0.00	110	40.66	96			GLOB	UNIF	WV	0	1
438	LOAD	Z	301	403	0.00=	40	40.66=	38			GLOB	UNIF	WV	0	1
439	LOAD	Y	301	303	0.00	90	14.50	93			GLOB	UNIF	WV	0	1
440	LOAD	Z	301	303	0.00=	11	14.50=	14			GLOB	UNIF	WV	0	1
441	LOAD	Y	301	303	14.50	93	14.50	96			GLOB	UNIF	WV	0	1

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

| LINE NO. | | |

U.S. NAVY - ACNR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																	
1...5	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8		
1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																	
491	LOAD	X	514	653	0.00	74	0.00	67				GLOB	UNIF		WV	0	1
492	LOAD	Y	514	653	0.00	128	0.00	116				GLOB	UNIF		WV	0	1
493	LOAD	X	514	653	12.00	67	0.00	61				GLOB	UNIF		WV	0	1
494	LOAD	Y	514	653	12.00	116	0.00	105				GLOB	UNIF		WV	0	1
495	LOAD	X	601	611	0.00	27	0.00	27				GLOB	UNIF		WV	0	1
496	LOAD	Z	601	611	0.00-	05	0.00-	05				GLOB	UNIF		WV	0	1
497	LOAD	X	603	613	0.00	28	0.00	26				GLOB	UNIF		WV	0	1
498	LOAD	Z	603	613	0.00-	06	0.00-	06				GLOB	UNIF		WV	0	1
499	LOAD	X	651	661	0.00	22	5.00	22				GLOB	UNIF		WV	0	1
500	LOAD	Z	651	661	0.00-	04	5.00-	05				GLOB	UNIF		WV	0	1
501	LOAD	X	653	663	0.00	21	5.00	21				GLOB	UNIF		WV	0	1
502	LOAD	Z	653	663	0.00-	05	5.00-	05				GLOB	UNIF		WV	0	1
503	LOAD	Y	611	612	0.00	39	10.01	39				GLOB	UNIF		WV	0	1
504	LOAD	Z	611	612	0.00-	04	10.01-	04				GLOB	UNIF		WV	0	1
505	LOAD	Y	612	613	0.00	39	10.01	38				GLOB	UNIF		WV	0	1
506	LOAD	Z	612	613	0.00-	04	10.01-	05				GLOB	UNIF		WV	0	1
507	LOAD	Y	661	662	0.00	71	17.74	72				GLOB	UNIF		WV	0	1
508	LOAD	Z	661	662	0.00-	04	17.74-	04				GLOB	UNIF		WV	0	1
509	LOAD	Y	662	663	0.00	72	17.74	70				GLOB	UNIF		WV	0	1
510	LOAD	Z	662	663	0.00-	04	17.74-	05				GLOB	UNIF		WV	0	1
511	LOAD	X	611	661	0.00	54	0.06	49				GLOB	UNIF		WV	0	1
512	LOAD	Y	611	661	0.00	102	0.06	92				GLOB	UNIF		WV	0	1
513	LOAD	Z	611	661	0.00	08	0.06	07				GLOB	UNIF		WV	0	1
514	LOAD	X	611	661	0.06	49	0.06	44				GLOB	UNIF		WV	0	1
515	LOAD	Y	611	661	0.06	92	0.06	83				GLOB	UNIF		WV	0	1
516	LOAD	Z	611	661	0.06	07	0.06	06				GLOB	UNIF		WV	0	1
517	LOAD	X	612	662	0.00	38	0.00	34				GLOB	UNIF		WV	0	1
518	LOAD	Y	612	662	0.00	66	0.00	60				GLOB	UNIF		WV	0	1
519	LOAD	X	612	662	0.00	34	0.00	31				GLOB	UNIF		WV	0	1
520	LOAD	Y	612	662	0.00	60	0.00	54				GLOB	UNIF		WV	0	1
521	LOAD	X	613	663	0.00	57	0.06	52				GLOB	UNIF		WV	0	1
522	LOAD	Y	613	663	0.00	94	0.06	85				GLOB	UNIF		WV	0	1
523	LOAD	Z	613	663	0.00-	08	0.06-	07				GLOB	UNIF		WV	0	1
524	LOAD	X	613	663	0.06	52	0.06	47				GLOB	UNIF		WV	0	1
525	LOAD	Y	613	663	0.06	85	0.06	76				GLOB	UNIF		WV	0	1
526	LOAD	Z	613	663	0.06-	07	0.06-	07				GLOB	UNIF		WV	0	1
527	LOAD	X	501	622	0.00	17	10.21	16				GLOB	UNIF		WV	0	1
528	LOAD	Y	501	622	0.00	73	10.21	65				GLOB	UNIF		WV	0	1
529	LOAD	Z	501	622	0.00-	30	10.21-	27				GLOB	UNIF		WV	0	1
530	LOAD	X	501	622	10.21	16	10.21	15				GLOB	UNIF		WV	0	1
531	LOAD	Y	501	622	10.21	65	10.21	59				GLOB	UNIF		WV	0	1
532	LOAD	Z	501	622	10.21-	27	10.21-	25				GLOB	UNIF		WV	0	1
533	LOAD	X	622	703	0.00	20	10.69	19				GLOB	UNIF		WV	0	1
534	LOAD	Y	622	703	0.00	86	10.69	79				GLOB	UNIF		WV	0	1
535	LOAD	Z	622	703	0.00-	35	10.69-	32				GLOB	UNIF		WV	0	1
536	LOAD	X	622	703	10.69	19	10.69	17				GLOB	UNIF		WV	0	1
537	LOAD	Y	622	703	10.69	79	10.69	70				GLOB	UNIF		WV	0	1
538	LOAD	Z	622	703	10.69-	32	10.69-	28				GLOB	UNIF		WV	0	1
539	LOAD	X	503	625	0.00	15	6.75	14				GLOB	UNIF		WV	0	1

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																					
540	LOAD	Y	503	625	0.00	19	6.75	16					GLOB	UNIF		WV	0	1			
541	LOAD	Z	503	625	0.00	32	6.75	30					GLOB	UNIF		WV	0	1			
542	LOAD	X	503	625	6.75	14	6.75	13					GLOB	UNIF		WV	0	1			
543	LOAD	Y	503	625	6.75	18	6.75	17					GLOB	UNIF		WV	0	1			
544	LOAD	Z	503	625	6.75	30	6.75	28					GLOB	UNIF		WV	0	1			
545	LOAD	X	503	625	13.50	14	6.75	13					GLOB	UNIF		WV	0	1			
546	LOAD	Y	503	625	13.50	17	6.75	16					GLOB	UNIF		WV	0	1			
547	LOAD	Z	503	625	13.50	28	6.75	27					GLOB	UNIF		WV	0	1			
548	LOAD	X	625	706	0.00	20	7.31	19					GLOB	UNIF		WV	0	1			
549	LOAD	Y	625	706	0.00	26	7.31	24					GLOB	UNIF		WV	0	1			
550	LOAD	Z	625	706	0.00	44	7.31	41					GLOB	UNIF		WV	0	1			
551	LOAD	X	625	706	7.31	19	7.31	17					GLOB	UNIF		WV	0	1			
552	LOAD	Y	625	706	7.31	24	7.31	23					GLOB	UNIF		WV	0	1			
553	LOAD	Z	625	706	7.31	41	7.31	38					GLOB	UNIF		WV	0	1			
554	LOAD	X	625	706	14.62	17	7.31	16					GLOB	UNIF		WV	0	1			
555	LOAD	Y	625	706	14.62	23	7.31	21					GLOB	UNIF		WV	0	1			
556	LOAD	Z	625	706	14.62	38	7.31	36					GLOB	UNIF		WV	0	1			
557	LOAD	X	506	624	0.00	53	10.12	48					GLOB	UNIF		WV	0	1			
558	LOAD	Y	506	624	0.00	54	10.12	50					GLOB	UNIF		WV	0	1			
559	LOAD	Z	506	624	0.00-	22	10.12-	21					GLOB	UNIF		WV	0	1			
560	LOAD	X	506	624	10.12	46	10.12	44					GLOB	UNIF		WV	0	1			
561	LOAD	Y	506	624	10.12	50	10.12	47					GLOB	UNIF		WV	0	1			
562	LOAD	Z	506	624	10.12-	21	10.12-	20					GLOB	UNIF		WV	0	1			
563	LOAD	X	624	701	0.00	66	10.97	60					GLOB	UNIF		WV	0	1			
564	LOAD	Y	62[illegible]	701	0.00	68	10.97	62					GLOB	UNIF		WV	0	1			
565	LOAD	Z	624	701	0.00-	27	10.97-	25					GLOB	UNIF		WV	0	1			
566	LOAD	X	624	701	10.97	60	10.97	54					GLOB	UNIF		WV	0	1			
567	LOAD	Y	624	701	10.97	62	10.97	56					GLOB	UNIF		WV	0	1			
568	LOAD	Z	624	701	10.97-	25	10.97-	23					GLOB	UNIF		WV	0	1			
569	LOAD	Y	701	702	0.00	48	18.76	49					GLOB	UNIF		WV	0	1			
570	LOAD	Z	701	702	0.00-	02	18.76-	03					GLOB	UNIF		WV	0	1			
571	LOAD	Y	702	703	0.00	49	18.76	48					GLOB	UNIF		WV	0	1			
572	LOAD	Z	702	703	0.00-	03	18.76-	03					GLOB	UNIF		WV	0	1			
573	LOAD	Z	703	705	0.00-	03	9.38-	03					GLOB	UNIF		WV	0	1			
574	LOAD	Z	703	705	9.38-	03	9.38-	02					GLOB	UNIF		WV	0	1			
575	LOAD	Z	705	706	0.00-	02	6.25-	02					GLOB	UNIF		WV	0	1			
576	LOAD	Z	705	706	6.25-	02	6.25-	1					GLOB	UNIF		WV	0	1			
577	LOAD	Z	705	706	12.51-	1	6.25						GLOB	UNIF		WV	0	1			
578	LOAD	X	701	704	0.00	42	18.75	41					GLOB	UNIF		WV	0	1			
579	LOAD	Y	701	704	0.00	24	18.75	23					GLOB	UNIF		WV	0	1			
580	LOAD	Z	701	704	0.00-	02	18.75-	1					GLOB	UNIF		WV	0	1			
581	LOAD	X	704	706	0.00	41	18.76	39					GLOB	UNIF		WV	0	1			
582	LOAD	Y	704	706	0.00	23	18.76	22					GLOB	UNIF		WV	0	1			
583	LOAD	Z	704	706	0.00-	1	18.76						GLOB	UNIF		WV	0	1			
584	LOAD	Z	702	704	0.00-	02	6.25-	1					GLOB	UNIF		WV	0	1			
585	LOAD	Z	702	704	6.25-	1	6.25-	1					GLOB	UNIF		WV	0	1			
586	LOAD	Z	702	704	12.50-	1	6.25-	1					GLOB	UNIF		WV	0	1			
587	LOAD	X	702	705	0.00	36	18.75	36					GLOB	UNIF		WV	0	1			
588	LOAD	Y	702	705	0.00	21	18.75	21					GLOB	UNIF		WV	0	1			

U.S. NAVY - ALMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																					
589	LOAD	Z	702	705	0.00-	02	18.75-	1					GLOB	UNIF		WV	0	1			
590	LOAD	Y	704	705	0.00	40	18.75	42					GLOB	UNIF		WV	0	1			
591	LOAD	Z	704	705	0.00-	1	18.75-	1					GLOB	UNIF		WV	0	1			
592	LOAD	X	701	806	0.00	59	16.72	51					GLOB	UNIF		WV	0	1			
593	LOAD	Y	701	806	0.00	41	16.72	36					GLOB	UNIF		WV	0	1			
594	LOAD	Z	701	806	0.00	16	16.72	14					GLOB	UNIF		WV	0	1			
595	LOAD	X	701	806	16.72	51	16.72	43					GLOB	UNIF		WV	0	1			
596	LOAD	Y	701	806	16.72	36	16.72	31					GLOB	UNIF		WV	0	1			
597	LOAD	Z	701	806	16.72	14	16.72	13					GLOB	UNIF		WV	0	1			
598	LOAD	X	701	806	33.44	43	16.72	38					GLOB	UNIF		WV	0	1			
599	LOAD	Y	701	806	33.44	31	16.72	28					GLOB	UNIF		WV	0	1			
600	LOAD	Z	701	806	33.44	13	16.72	11					GLOB	UNIF		WV	0	1			
601	LOAD	X	703	801	0.00	11	16.72	10					GLOB	UNIF		WV	0	1			
602	LOAD	Y	703	801	0.00	74	16.72	65					GLOB	UNIF		WV	0	1			
603	LOAD	Z	703	801	0.00	10	16.72	09					GLOB	UNIF		WV	0	1			
604	LOAD	X	703	801	16.72	10	16.72	09					GLOB	UNIF		WV	0	1			
605	LOAD	Y	703	801	16.72	65	16.72	57					GLOB	UNIF		WV	0	1			
606	LOAD	Z	703	801	16.72	09	16.72	09					GLOB	UNIF		WV	0	1			
607	LOAD	X	703	801	33.44	09	16.72	08					GLOB	UNIF		WV	0	1			
608	LOAD	Y	703	801	33.44	57	16.72	51					GLOB	UNIF		WV	0	1			
609	LOAD	Z	703	801	33.44	09	16.72	08					GLOB	UNIF		WV	0	1			
610	LOAD	X	706	803	0.00	11	16.72	11					GLOB	UNIF		WV	0	1			
611	LOAD	Y	706	803	0.00	25	16.72	24					GLOB	UNIF		WV	0	1			
612	LOAD	Z	706	803	0.00-	40	16.72-	39					GLOB	UNIF		WV	0	1			
613	LOAD	X	706	803	16.72	11	16.72	10					GLOB	UNIF		WV	0	1			
614	LOAD	Y	706	803	16.72	24	16.72	22					GLOB	UNIF		WV	0	1			
615	LOAD	Z	706	803	16.72-	39	16.72-	35					GLOB	UNIF		WV	0	1			
616	LOAD	X	706	803	33.44	10	16.72	08					GLOB	UNIF		WV	0	1			
617	LOAD	Y	706	803	33.44	26	16.72	18					GLOB	UNIF		WV	0	1			
618	LOAD	Z	706	803	33.44-	35	16.72-	30					GLOB	UNIF		WV	0	1			
619	LOAD	Y	801	802	0.00	36	22.79	36					GLOB	UNIF		WV	0	1			
620	LOAD	Z	801	802	0.00-	02	22.79-	02					GLOB	UNIF		WV	0	1			
621	LOAD	Y	802	803	0.00	36	22.79	35					GLOB	UNIF		WV	0	1			
622	LOAD	Z	802	803	0.00-	02	22.79-	03					GLOB	UNIF		WV	0	1			
623	LOAD	Z	803	805	0.00-	03	22.79-	02					GLOB	UNIF		WV	0	1			
624	LOAD	Z	805	806	0.00-	02	11.40-	02					GLOB	UNIF		WV	0	1			
625	LOAD	Z	805	806	11.40-	02	11.40-	1					GLOB	UNIF		WV	0	1			
626	LOAD	X	801	804	0.00	31	22.79	30					GLOB	UNIF		WV	0	1			
627	LOAD	Y	801	804	0.00	18	22.79	17					GLOB	UNIF		WV	0	1			
628	LOAD	Z	801	804	0.00-	02	22.79-	02					GLOB	UNIF		WV	0	1			
629	LOAD	X	804	806	0.00	30	22.80	29					GLOB	UNIF		WV	0	1			
630	LOAD	Y	804	806	0.00	17	22.80	17					GLOB	UNIF		WV	0	1			
631	LOAD	Z	804	806	0.00-	02	22.80-	1					GLOB	UNIF		WV	0	1			
632	LOAD	Z	802	804	0.00-	1	7.60-	1					GLOB	UNIF		WV	0	1			
633	LOAD	Z	802	804	7.60-	1	7.60-	1					GLOB	UNIF		WV	0	1			
634	LOAD	Z	802	804	15.20-	1	7.60-	1					GLOB	UNIF		WV	0	1			
635	LOAD	X	802	805	0.00	25	22.80	24					GLOB	UNIF		WV	0	1			
636	LOAD	Y	802	805	0.00	14	22.80	14					GLOB	UNIF		WV	0	1			
637	LOAD	Z	802	805	0.00-	1	22.80-	1					GLOB	UNIF		WV	0	1			

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																		
638	LOAD	Y	804	805	0.00	27	22.80	26			GLOB	UNIF	WV	0	1			
639	LOAD	Z	804	805	0.00-	1	22.80-	1			GLOB	UNIF	WV	0	1			
640	LOAD	X	901	903	0.00	09	19.87	08			GLOB	UNIF	WV	0	1			
641	LOAD	Y	901	903	0.00	49	19.87	43			GLOB	UNIF	WV	0	1			
642	LOAD	Z	901	903	0.00-	16	19.87-	16			GLOB	UNIF	WV	0	1			
643	LOAD	X	801	903	19.87	08	19.87	07			GLOB	UNIF	WV	0	1			
644	LOAD	Y	901	903	19.87	43	19.87	37			GLOB	UNIF	WV	0	1			
645	LOAD	Z	801	903	19.87-	16	19.87-	14			GLOB	UNIF	WV	0	1			
646	LOAD	X	901	903	39.73	07	19.87	06			GLOB	UNIF	WV	0	1			
647	LOAD	Y	801	903	39.73	37	19.87	32			GLOB	UNIF	WV	0	1			
648	LOAD	Z	801	903	39.73-	14	19.87-	12			GLOB	UNIF	WV	0	1			
649	LOAD	X	803	906	0.00	08	19.87	08			GLOB	UNIF	WV	0	1			
650	LOAD	Y	803	906	0.00	10	19.87	10			GLOB	UNIF	WV	0	1			
651	LOAD	Z	803	906	0.00	20	19.87	19			GLOB	UNIF	WV	0	1			
652	LOAD	X	803	906	19.87	08	19.87	07			GLOB	UNIF	WV	0	1			
653	LOAD	Y	803	906	19.87	10	19.87	09			GLOB	UNIF	WV	0	1			
654	LOAD	Z	803	906	19.87	19	19.87	18			GLOB	UNIF	WV	0	1			
655	LOAD	X	803	906	39.73	07	19.87	06			GLOB	UNIF	WV	0	1			
656	LOAD	Y	803	906	39.73	09	19.87	08			GLOB	UNIF	WV	0	1			
657	LOAD	Z	803	906	39.73	18	19.87	16			GLOB	UNIF	WV	0	1			
658	LOAD	X	806	901	0.00	36	19.87	33			GLOB	UNIF	WV	0	1			
659	LOAD	Y	806	901	0.00	34	19.87	31			GLOB	UNIF	WV	0	1			
660	LOAD	Z	806	901	0.00-	14	19.87-	13			GLOB	UNIF	WV	0	1			
661	LOAD	X	806	901	19.87	33	19.87	30			GLOB	UNIF	WV	0	1			
662	LOAD	Y	806	901	19.87	31	19.87	28			GLOB	UNIF	WV	0	1			
663	LOAD	Z	806	901	19.87-	13	19.87-	12			GLOB	UNIF	WV	0	1			
664	LOAD	X	806	901	39.74	30	19.87	27			GLOB	UNIF	WV	0	1			
665	LOAD	Y	806	901	39.74	28	19.87	25			GLOB	UNIF	WV	0	1			
666	LOAD	Z	806	901	39.74-	12	19.87-	10			GLOB	UNIF	WV	0	1			
667	LOAD	Y	901	902	0.00	29	27.42	28			GLOB	UNIF	WV	0	1			
668	LOAD	Z	901	902	0.00-	02	27.42-	02			GLOB	UNIF	WV	0	1			
669	LOAD	Y	902	903	0.00	28	27.42	27			GLOB	UNIF	WV	0	1			
670	LOAD	Z	902	903	0.00-	02	27.42-	02			GLOB	UNIF	WV	0	1			
671	LOAD	Z	903	905	0.00-	02	27.41-	02			GLOB	UNIF	WV	0	1			
672	LOAD	Z	905	906	0.00-	02	27.42-	1			GLOB	UNIF	WV	0	1			
673	LOAD	X	901	904	0.00	25	27.41	24			GLOB	UNIF	WV	0	1			
674	LOAD	Y	901	904	0.00	14	27.41	14			GLOB	UNIF	WV	0	1			
675	LOAD	Z	901	904	0.00-	02	27.41-	1			GLOB	UNIF	WV	0	1			
676	LOAD	X	904	906	0.00	24	27.42	23			GLOB	UNIF	WV	0	1			
677	LOAD	Y	904	906	0.00	14	27.42	13			GLOB	UNIF	WV	0	1			
678	LOAD	Z	904	906	0.00-	1	27.42-	1			GLOB	UNIF	WV	-0	1			
679	LOAD	Z	902	904	0.00-	1	27.41				GLOB	UNIF	WV	0	1			
680	LOAD	X	902	905	0.00	17	27.41	17			GLOB	UNIF	WV	0	1			
681	LOAD	Y	902	905	0.00	10	27.41	10			GLOB	UNIF	WV	0	1			
682	LOAD	Z	902	905	0.00-	1	27.41				GLOB	UNIF	WV	0	1			
683	LOAD	Y	904	905	0.00	19	27.42	20			GLOB	UNIF	WV	0	1			
684	LOAD	X	9011002		0.00	10	14.08	09			GLOB	UNIF	WV	0	1			
685	LOAD	Y	9011002		0.00	31	14.08	28			GLOB	UNIF	WV	0	1			
686	LOAD	Z	9011002		0.00-	11	14.08-	10			GLOB	UNIF	WV	0	1			

U.S. NAVY - ACRN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
687	LOAD X 9011002	14.08	09	14.08	08						GLOB UNIF		WV 0 1		
688	LOAD Y 9011002	14.08	26	14.08	26						GLOB UNIF		WV 0 1		
689	LOAD Z 9011002	14.08-	10	14.08-	09						GLOB UNIF		WV 0 1		
690	LOAD X 9011002	28.15	08	14.08	07						GLOB UNIF		WV 0 1		
691	LOAD Y 9011002	28.15	26	14.08	25						GLOB UNIF		WV 0 1		
692	LOAD Z 9011002	28.15-	09	14.08-	08						GLOB UNIF		WV 0 1		
693	LOAD X 9031002	0.00	10	14.08	10						GLOB UNIF		WV 0 1		
694	LOAD Y 9031002	0.00	31	14.08	29						GLOB UNIF		WV 0 1		
695	LOAD Z 9031002	0.00	06	14.08	06						GLOB UNIF		WV 0 1		
696	LOAD X 9031002	14.08	10	14.08	09						GLOB UNIF		WV 0 1		
697	LOAD Y 9031002	14.08	29	14.08	27						GLOB UNIF		WV 0 1		
698	LOAD Z 9031002	14.08	06	14.08	06						GLOB UNIF		WV 0 1		
699	LOAD X 9031002	28.15	09	14.08	09						GLOB UNIF		WV 0 1		
700	LOAD Y 9031002	28.15	27	14.08	26						GLOB UNIF		WV 0 1		
701	LOAD Z 9031002	28.15	06	14.08	06						GLOB UNIF		WV 0 1		
702	LOAD X 9031005	0.00	11	14.08	10						GLOB UNIF		WV 0 1		
703	LOAD Y 9031005	0.00	16	14.08	15						GLOB UNIF		WV 0 1		
704	LOAD Z 9031005	0.00	16	14.08	16						GLOB UNIF		WV 0 1		
705	LOAD X 9031005	14.08	10	14.08	10						GLOB UNIF		WV 0 1		
706	LOAD Y 9031005	14.08	15	14.08	15						GLOB UNIF		WV 0 1		
707	LOAD Z 9031005	14.08	16	14.08	15						GLOB UNIF		WV 0 1		
708	LOAD X 9031005	28.15	10	14.08	10						GLOB UNIF		WV 0 1		
709	LOAD Y 9031005	28.15	15	14.08	14						GLOB UNIF		WV 0 1		
710	LOAD Z 9031005	28.15	15	14.08	15						GLOB UNIF		WV 0 1		
711	LOAD X 9061005	0.00	09	21.11	08						GLOB UNIF		WV 0 1		
712	LOAD Y 9061005	0.00	19	21.11	17						GLOB UNIF		WV 0 1		
713	LOAD Z 9061005	0.00-	18	21.11-	16						GLOB UNIF		WV 0 1		
714	LOAD X 9061005	21.11	08	21.11	07						GLOB UNIF		WV 0 1		
715	LOAD Y 9061005	21.11	17	21.11	15						GLOB UNIF		WV 0 1		
716	LOAD Z 9061005	21.11-	16	21.11-	15						GLOB UNIF		WV 0 1		
717	LOAD X 9011004	0.00	23	14.08	21						GLOB UNIF		WV 0 1		
718	LOAD Y 9011004	0.00	23	14.08	21						GLOB UNIF		WV 0 1		
719	LOAD Z 9011004	0.00	10	14.08	09						GLOB UNIF		WV 0 1		
720	LOAD X 9011004	14.08	21	14.08	19						GLOB UNIF		WV 0 1		
721	LOAD Y 9011004	14.08	21	14.08	20						GLOB UNIF		WV 0 1		
722	LOAD Z 9011004	14.08	09	14.08	09						GLOB UNIF		WV 0 1		
723	LOAD X 9011004	28.15	19	14.08	17						GLOB UNIF		WV 0 1		
724	LOAD Y 9011004	28.15	20	14.08	19						GLOB UNIF		WV 0 1		
725	LOAD Z 9011004	28.15	09	14.08	08						GLOB UNIF		WV 0 1		
726	LOAD X 9061004	0.00	21	21.11	19						GLOB UNIF		WV 0 1		
727	LOAD Y 9061004	0.00	26	21.11	23						GLOB UNIF		WV 0 1		
728	LOAD Z 9061004	0.00-	08	21.11-	07						GLOB UNIF		WV 0 1		
729	LOAD X 9061004	21.11	19	21.11	17						GLOB UNIF		WV 0 1		
730	LOAD Y 9061004	21.11	23	21.11	21						GLOB UNIF		WV 0 1		
731	LOAD Z 9061004	21.11-	07	21.11-	06						GLOB UNIF		WV 0 1		
732	LOAD Y 10011002	0.00	28	32.04	28						GLOB UNIF		WV 0 1		
733	LOAD Y 10021003	0.00	28	32.04	26						GLOB UNIF		WV 0 1		
734	LOAD X 10011004	0.00	25	32.04	24						GLOB UNIF		WV 0 1		
735	LOAD Y 10011004	0.00	14	32.04	14						GLOB UNIF		WV 0 1		

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
736	LOAD A 10041006		0.00		24	32.04		23				GLOB UNIF		WV 0 1	
737	LOAD Y 10041006		0.00		14	32.04		13				GLOB UNIF		WV 0 1	
738	LOAD A 10021005		0.00		17	32.04		18				GLOB UNIF		WV 0 1	
739	LOAD Y 10021005		0.00		10	32.04		10				GLOB UNIF		WV 0 1	
740	LOAD Y 10041005		0.00		20	32.04		20				GLOB UNIF		WV 0 1	
741	LOAD A 201 301		10.40		45	1.53		58				GLOB UNIF		WV 0 1	
742	LOAD Y 201 301		10.40		75	1.53		97				GLOB UNIF		WV 0 1	
743	LOAD X 201 301		11.93		56	1.53		69				GLOB UNIF		WV 0 1	
744	LOAD Y 201 301		11.93		97	1.53		119				GLOB UNIF		WV 0 1	
745	LOAD A 201 501		13.47		69	1.53		81				GLOB UNIF		WV 0 1	
746	LOAD Y 201 501		13.47		119	1.53		141				GLOB UNIF		WV 0 1	
747	LOAD A 203 303		8.08		45	2.31		58				GLOB UNIF		WV 0 1	
748	LOAD Y 203 303		8.08		78	2.31		100				GLOB UNIF		WV 0 1	
749	LOAD A 203 303		10.39		58	2.31		70				GLOB UNIF		WV 0 1	
750	LOAD Y 203 303		10.39		100	2.31		122				GLOB UNIF		WV 0 1	
751	LOAD A 203 303		12.69		70	2.31		83				GLOB UNIF		WV 0 1	
752	LOAD Y 203 303		12.69		122	2.31		144				GLOB UNIF		WV 0 1	
753	LOAD A 206 306		14.43		57	.57		61				GLOB UNIF		WV 0 1	
754	LOAD Y 206 306		14.43		99	.57		106				GLOB UNIF		WV 0 1	
755	LOAD A 301 401		0.00		81	14.25		105				GLOB UNIF		WV 0 1	
756	LOAD Y 301 401		0.00		141	14.25		182				GLOB UNIF		WV 0 1	
757	LOAD A 301 401		14.25		105	14.25		73				GLOB UNIF		WV 0 1	
758	LOAD Y 301 401		14.25		182	14.25		127				GLOB UNIF		WV 0 1	
759	LOAD A 303 403		0.00		85	14.25		105				GLOB UNIF		WV 0 1	
760	LOAD Y 303 403		0.00		144	14.25		181				GLOB UNIF		WV 0 1	
761	LOAD A 303 403		14.25		105	14.25		71				GLOB UNIF		WV 0 1	
762	LOAD Y 303 403		14.25		181	14.25		122				GLOB UNIF		WV 0 1	
763	LOAD A 306 406		0.00		61	14.25		98				GLOB UNIF		WV 0 1	
764	LOAD Y 306 406		0.00		106	14.25		170				GLOB UNIF		WV 0 1	
765	LOAD A 306 406		14.25		98	14.25		72				GLOB UNIF		WV 0 1	
766	LOAD Y 306 406		14.25		170	14.25		125				GLOB UNIF		WV 0 1	
767	LOAD A 401 501		0.00		115	4.56		101				GLOB UNIF		WV 0 1	
768	LOAD Y 401 501		0.00		210	4.56		197				GLOB UNIF		WV 0 1	
769	LOAD Z 401 501		0.00-		52	4.56-		02				GLOB UNIF		WV 0 1	
770	LOAD A 403 503		0.00		120	4.56		108				GLOB UNIF		WV 0 1	
771	LOAD Y 403 503		0.00		200	4.56		180				GLOB UNIF		WV 0 1	
772	LOAD Z 403 503		0.00-		34	4.56-		31				GLOB UNIF		WV 0 1	
773	LOAD A 406 506		0.00		125	4.56		114				GLOB UNIF		WV 0 1	
774	LOAD Y 406 506		0.00		203	4.56		183				GLOB UNIF		WV 0 1	
775	LOAD Z 406 506		0.00		34	4.56		31				GLOB UNIF		WV 0 1	
776	LOAD A 501 601		0.00		100	6.08		90				GLOB UNIF		WV 0 1	
777	LOAD Y 501 601		0.00		195	6.08		175				GLOB UNIF		WV 0 1	
778	LOAD Z 501 601		0.00-		02	6.08-		02				GLOB UNIF		WV 0 1	
779	LOAD A 503 603		0.00		107	5.04		101				GLOB UNIF		WV 0 1	
780	LOAD Y 503 603		0.00		178	5.04		168				GLOB UNIF		WV 0 1	
781	LOAD Z 503 603		0.00-		30	5.04-		28				GLOB UNIF		WV 0 1	
782	LOAD A 503 603		5.04		101	5.04		95				GLOB UNIF		WV 0 1	
783	LOAD Y 503 603		5.04		168	5.04		156				GLOB UNIF		WV 0 1	
784	LOAD Z 503 603		5.04-		28	5.04-		27				GLOB UNIF		WV 0 1	

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  765 LOAD A  506 606    0.00   112   6.08   101                GLOB UNIF     WV 0 1
  766 LOAD Y  506 606    0.00   181   6.08   163                GLOB UNIF     WV 0 1
  767 LOAD Z  506 606    0.00    30   6.08    27                GLOB UNIF     WV 0 1
  768 LOAD X  601 621    0.00    90   6.08    81                GLOB UNIF     WV 0 1
  769 LOAD Y  601 621    0.00   175   6.08   159                GLOB UNIF     WV 0 1
  770 LOAD Z  601 621    0.00-   02   6.08-    1                GLOB UNIF     WV 0 1
  771 LOAD X  603 623    0.00    95   6.08    86                GLOB UNIF     WV 0 1
  772 LOAD Y  603 623    0.00   156   6.08   142                GLOB UNIF     WV 0 1
  773 LOAD Z  603 623    0.00-   27   6.08-   24                GLOB UNIF     WV 0 1
  774 LOAD X  606 626    0.00   101   6.08    93                GLOB UNIF     WV 0 1
  775 LOAD Y  606 626    0.00   164   6.08   149                GLOB UNIF     WV 0 1
  776 LOAD Z  606 626    0.00    27   6.08    25                GLOB UNIF     WV 0 1
  777 LOAD X  621 651    0.00   116   6.08   106                GLOB UNIF     WV 0 1
  778 LOAD Y  621 651    0.00   243   6.08   220                GLOB UNIF     WV 0 1
  779 LOAD Z  621 651    0.00-   03   6.08-   03                GLOB UNIF     WV 0 1
  780 LOAD X  623 653    0.00   128   3.04   121                GLOB UNIF     WV 0 1
  781 LOAD Y  623 653    0.00   206   3.04   195                GLOB UNIF     WV 0 1
  782 LOAD Z  623 653    0.00-   35   3.04-   34                GLOB UNIF     WV 0 1
  783 LOAD X  623 653    3.04   121   3.04   115                GLOB UNIF     WV 0 1
  784 LOAD Y  623 653    3.04   195   3.04   184                GLOB UNIF     WV 0 1
  785 LOAD Z  623 653    3.04-   34   3.04-   32                GLOB UNIF     WV 0 1
  806 LOAD X  626 656    0.00   140   6.08   133                GLOB UNIF     WV 0 1
  807 LOAD Y  626 656    0.00   230   6.08   210                GLOB UNIF     WV 0 1
  808 LOAD Z  626 656    0.00    38   6.08    35                GLOB UNIF     WV 0 1
  809 LOAD A  651 701    0.00   106   3.55   100                GLOB UNIF     WV 0 1
  810 LOAD Y  651 701    0.00   220   3.55   209                GLOB UNIF     WV 0 1
  811 LOAD Z  651 701    0.00-   03   3.55-   03                GLOB UNIF     WV 0 1
  812 LOAD A  651 701    3.55   100   3.55    95                GLOB UNIF     WV 0 1
  813 LOAD Y  651 701    3.55   209   3.55   198                GLOB UNIF     WV 0 1
  814 LOAD Z  651 701    3.55-   03   3.55-   03                GLOB UNIF     WV 0 1
  815 LOAD A  653 703    0.00   115   3.55   109                GLOB UNIF     WV 0 1
  816 LOAD Y  653 703    0.00   184   3.55   173                GLOB UNIF     WV 0 1
  817 LOAD Z  653 703    0.00-   32   3.55-   30                GLOB UNIF     WV 0 1
  818 LOAD A  653 703    3.55   109   3.55   102                GLOB UNIF     WV 0 1
  819 LOAD Y  653 703    3.55   173   3.55   163                GLOB UNIF     WV 0 1
  820 LOAD Z  653 703    3.55-   30   3.55-   28                GLOB UNIF     WV 0 1
  821 LOAD A  656 706    0.00   133   7.10   121                GLOB UNIF     WV 0 1
  822 LOAD Y  656 706    0.00   210   7.10   190                GLOB UNIF     WV 0 1
  823 LOAD Z  656 706    0.00    35   7.10    32                GLOB UNIF     WV 0 1
  824 LOAD A  701 801    0.00    91   9.46    79                GLOB UNIF     WV 0 1
  825 LOAD Y  701 801    0.00   187   9.46   163                GLOB UNIF     WV 0 1
  826 LOAD Z  701 801    0.00-   02   9.46-   02                GLOB UNIF     WV 0 1
  827 LOAD A  701 801    9.46    79   9.46    69                GLOB UNIF     WV 0 1
  828 LOAD Y  701 801    9.46   163   9.46   144                GLOB UNIF     WV 0 1
  829 LOAD Z  701 801    9.46-   02   9.46-   02                GLOB UNIF     WV 0 1
  830 LOAD A  701 801   10.92    69   9.46    62                GLOB UNIF     WV 0 1
  831 LOAD Y  701 801   10.92   144   9.46   127                GLOB UNIF     WV 0 1
  832 LOAD Z  701 801   10.92-   02   9.46-   02                GLOB UNIF     WV 0 1
  833 LOAD A  703 803    0.00    97   9.46    83                GLOB UNIF     WV 0 1
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
834	LOAD Y	703 803	0.00	156	9.46	133					GLOB UNIF		WV 0 1		
835	LOAD Z	703 803	0.00-	27	9.46-	23					GLOB UNIF		WV 0 1		
836	LOAD X	703 803	9.46	83	9.46	71					GLOB UNIF		WV 0 1		
837	LOAD Y	703 803	9.46	133	9.46	115					GLOB UNIF		WV 0 1		
838	LOAD Z	703 803	9.46-	23	9.46-	20					GLOB UNIF		WV 0 1		
839	LOAD X	703 803	18.92	71	9.46	62					GLOB UNIF		WV 0 1		
840	LOAD Y	703 803	18.92	115	9.46	99					GLOB UNIF		WV 0 1		
841	LOAD Z	703 803	18.92-	20	9.46-	17					GLOB UNIF		WV 0 1		
842	LOAD X	706 806	0.00	115	9.46	100					GLOB UNIF		WV 0 1		
843	LOAD Y	706 806	0.00	179	9.46	157					GLOB UNIF		WV 0 1		
844	LOAD Z	706 806	0.00	30	9.46	26					GLOB UNIF		WV 0 1		
845	LOAD X	706 806	9.46	100	9.46	89					GLOB UNIF		WV 0 1		
846	LOAD Y	706 806	9.46	157	9.46	140					GLOB UNIF		WV 0 1		
847	LOAD Z	706 806	9.46	26	9.46	23					GLOB UNIF		WV 0 1		
848	LOAD X	706 806	18.92	89	9.46	80					GLOB UNIF		WV 0 1		
849	LOAD Y	706 806	18.92	140	9.46	126					GLOB UNIF		WV 0 1		
850	LOAD Z	706 806	18.92	23	9.46	21					GLOB UNIF		WV 0 1		
851	LOAD X	801 901	0.00	62	10.81	55					GLOB UNIF		WV 0 1		
852	LOAD Y	801 901	0.00	127	10.81	112					GLOB UNIF		WV 0 1		
853	LOAD Z	801 901	0.00-	02	10.81-	1					GLOB UNIF		WV 0 1		
854	LOAD X	801 901	10.81	55	10.81	50					GLOB UNIF		WV 0 1		
855	LOAD Y	801 901	10.81	112	10.81	100					GLOB UNIF		WV 0 1		
856	LOAD Z	801 901	10.81-	1	10.81-	1					GLOB UNIF		WV 0 1		
857	LOAD X	801 901	21.63	50	10.81	46					GLOB UNIF		WV 0 1		
858	LOAD Y	801 901	21.63	100	10.81	90					GLOB UNIF		WV 0 1		
859	LOAD Z	801 901	21.63-	1	10.81-	1					GLOB UNIF		WV 0 1		
860	LOAD X	803 903	0.00	62	10.81	55					GLOB UNIF		WV 0 1		
861	LOAD Y	803 903	0.00	99	10.81	85					GLOB UNIF		WV 0 1		
862	LOAD Z	803 903	0.00-	17	10.81-	15					GLOB UNIF		WV 0 1		
863	LOAD X	803 903	10.81	55	10.81	45					GLOB UNIF		WV 0 1		
864	LOAD Y	803 903	10.81	85	10.81	73					GLOB UNIF		WV 0 1		
865	LOAD Z	803 903	10.81-	15	10.81-	13					GLOB UNIF		WV 0 1		
866	LOAD X	803 903	21.63	45	10.81	39					GLOB UNIF		WV 0 1		
867	LOAD Y	803 903	21.63	73	10.81	64					GLOB UNIF		WV 0 1		
868	LOAD Z	803 903	21.63-	13	10.81-	11					GLOB UNIF		WV 0 1		
869	LOAD X	806 906	0.00	80	10.81	71					GLOB UNIF		WV 0 1		
870	LOAD Y	806 906	0.00	126	10.81	114					GLOB UNIF		WV 0 1		
871	LOAD Z	806 906	0.00	21	10.81	19					GLOB UNIF		WV 0 1		
872	LOAD X	806 906	10.81	71	10.81	65					GLOB UNIF		WV 0 1		
873	LOAD Y	806 906	10.81	114	10.81	104					GLOB UNIF		WV 0 1		
874	LOAD Z	806 906	10.81	19	10.81	17					GLOB UNIF		WV 0 1		
875	LOAD X	806 906	21.63	65	10.81	59					GLOB UNIF		WV 0 1		
876	LOAD Y	806 906	21.63	104	10.81	96					GLOB UNIF		WV 0 1		
877	LOAD Z	806 906	21.63	17	10.81	16					GLOB UNIF		WV 0 1		
878	LOAD X	9011001	0.00	46	10.22	43					GLOB UNIF		WV 0 1		
879	LOAD Y	9011001	0.00	90	10.22	79					GLOB UNIF		WV 0 1		
880	LOAD Z	9011001	0.00-	1	10.22						GLOB UNIF		WV 0 1		
881	LOAD X	9011001	10.22	45	10.22	41					GLOB UNIF		WV 0 1		
882	LOAD Y	9011001	10.22	79	10.22	71					GLOB UNIF		WV 0 1		

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
883	LOAD	X	9031003	0.00	39	10.22	31				GLOB	UNIF	WV	0	1
884	LOAD	Y	9031003	0.00	64	10.22	52				GLOB	UNIF	WV	0	1
885	LOAD	Z	9031003	0.00-	11	10.22-	09				GLOB	UNIF	WV	0	1
886	LOAD	X	9031003	10.22	31	10.22	24				GLOB	UNIF	WV	0	1
887	LOAD	Y	9031003	10.22	52	10.22	44				GLOB	UNIF	WV	0	1
888	LOAD	Z	9031003	10.22-	09	10.22-	07				GLOB	UNIF	WV	0	1
889	LOAD	X	9061006	0.00	59	10.22	54				GLOB	UNIF	WV	0	1
890	LOAD	Y	9061006	0.00	96	10.22	89				GLOB	UNIF	WV	0	1
891	LOAD	Z	9061006	0.00	16	10.22	15				GLOB	UNIF	WV	0	1
892	LOAD	X	9061006	10.22	54	10.22	51				GLOB	UNIF	WV	0	1
893	LOAD	Y	9061006	10.22	89	10.22	85				GLOB	UNIF	WV	0	1
894	LOAD	Z	9061006	10.22	15	10.22	14				GLOB	UNIF	WV	0	1
895	LOADCY		2												
896	LOAD	Y	510	710	7.59	271					GLOB	CONC	WN	0	2
897	LOAD	X	510	710					7.59-212797		GLOB	MOMT	WN	0	2
898	LOAD	Y	511	711	7.59	271					GLOB	CONC	WN	0	2
899	LOAD	X	511	711					7.59-212797		GLOB	MOMT	WN	0	2
900	LOAD	Y	512	712	7.59	271					GLOB	CONC	WN	0	2
901	LOAD	X	512	712					7.59-212797		GLOB	MOMT	WN	0	2
902	LOAD	Y	510	710	7.59	275					GLOB	CONC	WN	0	2
903	LOAD	X	510	710					7.59-197312		GLOB	MOMT	WN	0	2
904	LOAD	Y	511	711	7.59	275					GLOB	CONC	WN	0	2
905	LOAD	X	511	711					7.59-197312		GLOB	MOMT	WN	0	2
906	LOAD	Y	512	712	7.59	275					GLOB	CONC	WN	0	2
907	LOAD	X	512	712					7.59-197312		GLOB	MOMT	WN	0	2
908	LOAD	X	201	303	19.72	08	4.31	08			GLOB	UNIF	WV	0	2
909	LOAD	Y	201	303	19.72	87	4.31	88			GLOB	UNIF	WV	0	2
910	LOAD	Z	201	303	19.72-	16	4.31-	16			GLOB	UNIF	WV	0	2
911	LOAD	X	201	303	24.03	08	4.31	09			GLOB	UNIF	WV	0	2
912	LOAD	Y	201	303	24.03	88	4.31	109			GLOB	UNIF	WV	0	2
913	LOAD	Z	201	303	24.03-	16	4.31-	17			GLOB	UNIF	WV	0	2
914	LOAD	X	201	303	20.34	09	4.31	09			GLOB	UNIF	WV	0	2
915	LOAD	Y	201	303	20.34	109	4.31	131			GLOB	UNIF	WV	0	2
916	LOAD	Z	201	303	20.34-	17	4.31-	17			GLOB	UNIF	WV	0	2
917	LOAD	X	206	301	23.47	32	5.06	42			GLOB	UNIF	WV	0	2
918	LOAD	Y	206	301	23.47	63	5.06	77			GLOB	UNIF	WV	0	2
919	LOAD	Z	206	301	23.47-	75	5.06-	88			GLOB	UNIF	WV	0	2
920	LOAD	X	206	301	26.53	42	5.06	51			GLOB	UNIF	WV	0	2
921	LOAD	Y	206	301	26.53	77	5.06	88			GLOB	UNIF	WV	0	2
922	LOAD	Z	206	301	26.53-	88	5.06-	99			GLOB	UNIF	WV	0	2
923	LOAD	X	206	301	29.59	51	5.06	58			GLOB	UNIF	WV	0	2
924	LOAD	Y	206	301	29.59	88	5.06	99			GLOB	UNIF	WV	0	2
925	LOAD	Z	206	301	29.59-	99	5.06-	110			GLOB	UNIF	WV	0	2
926	LOAD	X	301	403	0.00	10	20.33	10			GLOB	UNIF	WV	0	2
927	LOAD	Y	301	403	0.00	131	20.33	167			GLOB	UNIF	WV	0	2
928	LOAD	Z	301	403	0.00-	11	20.33-	10			GLOB	UNIF	WV	0	2
929	LOAD	X	301	403	20.33	10	20.33	09			GLOB	UNIF	WV	0	2
930	LOAD	Y	301	403	20.33	167	20.33	114			GLOB	UNIF	WV	0	2
931	LOAD	Z	301	403	20.33-	10	20.33-	09			GLOB	UNIF	WV	0	2

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
932	LOAD Y	501 503	0.00	108	29.00	108					GLOB UNIF		WV 0 2		
933	LOAD Z	501 503	0.00-	14	29.00-	14					GLOB UNIF		WV 0 2		
934	LOAD X	503 506	0.00-	47	9.36-	45					GLOB UNIF		WV 0 2		
935	LOAD Y	503 506	0.00	27	9.36	26					GLOB UNIF		WV 0 2		
936	LOAD Z	503 506	0.00-	14	9.36-	11					GLOB UNIF		WV 0 2		
937	LOAD X	503 508	9.36-	45	9.36-	41					GLOB UNIF		WV 0 2		
938	LOAD Y	503 506	9.36	26	9.36	23					GLOB UNIF		WV 0 2		
939	LOAD Z	503 506	9.36-	11	9.36-	06					GLOB UNIF		WV 0 2		
940	LOAD X	503 506	18.73-	41	9.36-	30					GLOB UNIF		WV 0 2		
941	LOAD Y	503 506	18.73	23	9.36	18					GLOB UNIF		WV 0 2		
942	LOAD Z	503 506	18.73-	06	6.51						GLOB UNIF		WV 0 2		
943	LOAD Z	503 505	25.24		2.85	02					GLOB UNIF		WV 0 2		
944	LOAD X	501 506	0.00	47	9.36	45					GLOB UNIF		WV 0 2		
945	LOAD Y	501 506	0.00	27	9.36	26					GLOB UNIF		WV 0 2		
946	LOAD Z	501 506	0.00-	14	9.36-	11					GLOB UNIF		WV 0 2		
947	LOAD X	501 506	9.36	45	9.36	41					GLOB UNIF		WV 0 2		
948	LOAD Y	501 506	9.36	26	9.36	23					GLOB UNIF		WV 0 2		
949	LOAD Z	501 506	9.36-	11	9.36-	06					GLOB UNIF		WV 0 2		
950	LOAD X	501 506	18.73	41	9.36	30					GLOB UNIF		WV 0 2		
951	LOAD Y	501 506	18.73	23	9.36	18					GLOB UNIF		WV 0 2		
952	LOAD Z	501 506	18.73-	06	6.51						GLOB UNIF		WV 0 2		
953	LOAD Z	501 506	25.24		2.85	02					GLOB UNIF		WV 0 2		
954	LOAD Y	501 502	0.00	68	15.15	68					GLOB UNIF		WV 0 2		
955	LOAD Z	501 502	0.00-	08	15.15-	08					GLOB UNIF		WV 0 2		
956	LOAD Y	502 503	0.00	68	15.15	68					GLOB UNIF		WV 0 2		
957	LOAD Z	502 503	0.00-	08	15.15-	08					GLOB UNIF		WV 0 2		
958	LOAD X	503 505	0.00-	29	15.15-	29					GLOB UNIF		WV 0 2		
959	LOAD Y	503 505	0.00	17	15.15	17					GLOB UNIF		WV 0 2		
960	LOAD Z	503 505	0.00-	08	15.15-	06					GLOB UNIF		WV 0 2		
961	LOAD X	505 506	0.00-	29	15.15-	28					GLOB UNIF		WV 0 2		
962	LOAD Y	505 506	0.00	17	15.15	16					GLOB UNIF		WV 0 2		
963	LOAD Z	505 506	0.00-	06	15.15-	02					GLOB UNIF		WV 0 2		
964	LOAD X	501 504	0.00	29	15.15	29					GLOB UNIF		WV 0 2		
965	LOAD Y	501 504	0.00	17	15.15	17					GLOB UNIF		WV 0 2		
966	LOAD Z	501 504	0.00-	06	15.15-	06					GLOB UNIF		WV 0 2		
967	LOAD X	504 506	0.00	29	15.15	28					GLOB UNIF		WV 0 2		
968	LOAD Y	504 506	0.00	17	15.15	16					GLOB UNIF		WV 0 2		
969	LOAD Z	504 506	0.00-	06	15.15-	02					GLOB UNIF		WV 0 2		
970	LOAD X	502 504	0.00-	20	15.15-	19					GLOB UNIF		WV 0 2		
971	LOAD Y	502 504	0.00	11	15.15	11					GLOB UNIF		WV 0 2		
972	LOAD Z	502 504	0.00-	03	15.15-	02					GLOB UNIF		WV 0 2		
973	LOAD X	502 505	0.00	20	15.15	19					GLOB UNIF		WV 0 2		
974	LOAD Y	502 505	0.00	11	15.15	11					GLOB UNIF		WV 0 2		
975	LOAD Z	502 505	0.00-	03	15.15-	02					GLOB UNIF		WV 0 2		
976	LOAD Y	504 505	0.00	45	15.16	45					GLOB UNIF		WV 0 2		
977	LOAD Z	504 505	0.00-	02	15.16-	02					GLOB UNIF		WV 0 2		
978	LOAD X	501 513	0.00	22	2.99	22					GLOB UNIF		WV 0 2		
979	LOAD Y	501 513	0.00	36	2.99	36					GLOB UNIF		WV 0 2		
980	LOAD Z	501 513	0.00-	04	2.99-	04					GLOB UNIF		WV 0 2		

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
981	LOAD X	503	514	0.00-	22	2.99-	22				GLOB	UNIF		WV	0 2
982	LOAD Y	503	514	0.00	38	2.99	38				GLOB	UNIF		WV	0 2
983	LOAD Z	503	514	0.00-	04	2.99-	04				GLOB	UNIF		WV	0 2
984	LOAD Y	513	651	0.00	173	6.00	155				GLOB	UNIF		WV	0 2
985	LOAD Y	513	651	6.00	155	6.00	141				GLOB	UNIF		WV	0 2
986	LOAD Y	513	651	12.00	141	6.00	127				GLOB	UNIF		WV	0 2
987	LOAD Y	514	653	0.00	173	6.00	155				GLOB	UNIF		WV	0 2
988	LOAD Y	514	653	6.00	155	6.00	141				GLOB	UNIF		WV	0 2
989	LOAD Y	514	653	12.00	141	6.00	127				GLOB	UNIF		WV	0 2
990	LOAD Z	601	611	0.00-	05	6.00-	06				GLOB	UNIF		WV	0 2
991	LOAD Z	603	613	0.00-	05	6.00-	06				GLOB	UNIF		WV	0 2
992	LOAD Z	651	661	0.00-	05	5.00-	05				GLOB	UNIF		WV	0 2
993	LOAD Z	653	663	0.00-	05	5.00-	05				GLOB	UNIF		WV	0 2
994	LOAD Y	611	612	0.00	46	16.01	46				GLOB	UNIF		WV	0 2
995	LOAD Z	611	612	0.00-	04	16.01-	04				GLOB	UNIF		WV	0 2
996	LOAD Y	612	613	0.00	46	16.01	46				GLOB	UNIF		WV	0 2
997	LOAD Z	612	613	0.00-	04	16.01-	04				GLOB	UNIF		WV	0 2
998	LOAD Y	661	662	0.00	83	17.74	83				GLOB	UNIF		WV	0 2
999	LOAD Z	661	662	0.00-	05	17.74-	05				GLOB	UNIF		WV	0 2
1000	LOAD Y	662	663	0.00	83	17.74	83				GLOB	UNIF		WV	0 2
1001	LOAD Z	662	663	0.00-	05	17.74-	05				GLOB	UNIF		WV	0 2
1002	LOAD X	611	661	0.00-	04	6.06-	04				GLOB	UNIF		WV	0 2
1003	LOAD Y	611	661	0.00	114	6.06	103				GLOB	UNIF		WV	0 2
1004	LOAD Z	611	661	0.00-	1	6.06					GLOB	UNIF		WV	0 2
1005	LOAD X	611	661	6.06-	04	6.06-	03				GLOB	UNIF		WV	0 2
1006	LOAD Y	611	661	6.06	103	6.06	93				GLOB	UNIF		WV	0 2
1007	LOAD Y	612	662	0.00	76	6.00	69				GLOB	UNIF		WV	0 2
1008	LOAD Y	612	662	6.00	69	6.00	62				GLOB	UNIF		WV	0 2
1009	LOAD X	613	663	0.00	04	6.06	04				GLOB	UNIF		WV	0 2
1010	LOAD Y	613	663	0.00	114	6.06	103				GLOB	UNIF		WV	0 2
1011	LOAD Z	613	663	0.00-	1	6.06					GLOB	UNIF		WV	0 2
1012	LOAD X	613	663	6.06	04	6.06	03				GLOB	UNIF		WV	0 2
1013	LOAD Y	613	663	6.06	103	6.06	93				GLOB	UNIF		WV	0 2
1014	LOAD X	501	622	0.00	02	10.21	02				GLOB	UNIF		WV	0 2
1015	LOAD Y	501	622	0.00	85	10.21	77				GLOB	UNIF		WV	0 2
1016	LOAD Z	501	622	0.00-	10	10.21-	10				GLOB	UNIF		WV	0 2
1017	LOAD X	501	622	10.21	02	10.21	02				GLOB	UNIF		WV	0 2
1018	LOAD Y	501	622	10.21	77	10.21	69				GLOB	UNIF		WV	0 2
1019	LOAD Z	501	622	10.21-	10	10.21-	09				GLOB	UNIF		WV	0 2
1020	LOAD X	622	703	0.00	1	10.89	1				GLOB	UNIF		WV	0 2
1021	LOAD Y	622	703	0.00	104	10.89	94				GLOB	UNIF		WV	0 2
1022	LOAD Z	622	703	0.00-	10	10.89-	09				GLOB	UNIF		WV	0 2
1023	LOAD X	622	703	10.89	1	10.89	1				GLOB	UNIF		WV	0 2
1024	LOAD Y	622	703	10.89	94	10.89	85				GLOB	UNIF		WV	0 2
1025	LOAD Z	622	703	10.89-	09	10.89-	09				GLOB	UNIF		WV	0 2
1026	LOAD X	503	625	0.00-	25	6.75-	23				GLOB	UNIF		WV	0 2
1027	LOAD Y	503	625	0.00	38	6.75	34				GLOB	UNIF		WV	0 2
1028	LOAD Z	503	625	0.00	28	6.75	27				GLOB	UNIF		WV	0 2
1029	LOAD X	503	625	6.75-	23	6.75-	21				GLOB	UNIF		WV	0 2

U.S. NAVY - ALMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1030	LOAD Y	503 625	0.75	34	6.75	32					GLOB UNIF		WV 0 2		
1031	LOAD Z	503 625	0.75	27	6.75	25					GLOB UNIF		WV 0 2		
1032	LOAD X	503 625	13.50-	21	6.75-	20					GLOB UNIF		WV 0 2		
1033	LOAD Y	503 625	13.50	32	6.75	30					GLOB UNIF		WV 0 2		
1034	LOAD Z	503 625	13.50	25	6.75	24					GLOB UNIF		WV 0 2		
1035	LOAD X	625 706	0.00-	29	7.31-	26					GLOB UNIF		WV 0 2		
1036	LOAD Y	625 706	0.00	46	7.31	43					GLOB UNIF		WV 0 2		
1037	LOAD Z	625 706	0.00	39	7.31	36					GLOB UNIF		WV 0 2		
1038	LOAD X	625 706	7.31-	26	7.31-	24					GLOB UNIF		WV 0 2		
1039	LOAD Y	625 706	7.31	43	7.31	40					GLOB UNIF		WV 0 2		
1040	LOAD Z	625 706	7.31	36	7.31	34					GLOB UNIF		WV 0 2		
1041	LOAD X	625 706	14.62-	24	7.31-	21					GLOB UNIF		WV 0 2		
1042	LOAD Y	625 706	14.62	40	7.31	37					GLOB UNIF		WV 0 2		
1043	LOAD Z	625 706	14.62	34	7.31	32					GLOB UNIF		WV 0 2		
1044	LOAD X	506 624	0.00	23	20.24	18					GLOB UNIF		WV 0 2		
1045	LOAD Y	506 624	0.00	47	20.24	42					GLOB UNIF		WV 0 2		
1046	LOAD Z	506 624	0.00-	36	20.24-	34					GLOB UNIF		WV 0 2		
1047	LOAD X	624 701	0.00	29	10.97	25					GLOB UNIF		WV 0 2		
1048	LOAD Y	624 701	0.00	61	10.97	55					GLOB UNIF		WV 0 2		
1049	LOAD Z	624 701	0.00-	47	10.97-	43					GLOB UNIF		WV 0 2		
1050	LOAD X	624 701	10.97	25	10.97	23					GLOB UNIF		WV 0 2		
1051	LOAD Y	624 701	10.97	55	10.97	50					GLOB UNIF		WV 0 2		
1052	LOAD Z	624 701	10.97-	43	10.97-	40					GLOB UNIF		WV 0 2		
1053	LOAD Y	701 702	0.00	56	10.76	56					GLOB UNIF		WV 0 2		
1054	LOAD Z	701 702	0.00-	03	10.76-	03					GLOB UNIF		WV 0 2		
1055	LOAD Y	702 703	0.00	56	10.76	56					GLOB UNIF		WV 0 2		
1056	LOAD Z	702 703	0.00-	03	10.76-	03					GLOB UNIF		WV 0 2		
1057	LOAD X	703 705	0.00-	24	10.75-	24					GLOB UNIF		WV 0 2		
1058	LOAD Y	703 705	0.00	14	10.75	14					GLOB UNIF		WV 0 2		
1059	LOAD Z	703 705	0.00-	03	10.75-	02					GLOB UNIF		WV 0 2		
1060	LOAD X	705 706	0.00-	24	10.76-	22					GLOB UNIF		WV 0 2		
1061	LOAD Y	705 706	0.00	14	10.76	13					GLOB UNIF		WV 0 2		
1062	LOAD Z	705 706	0.00-	02	15.50						GLOB UNIF		WV 0 2		
1063	LOAD X	701 704	0.00	24	10.75	24					GLOB UNIF		WV 0 2		
1064	LOAD Y	701 704	0.00	14	10.75	14					GLOB UNIF		WV 0 2		
1065	LOAD Z	701 704	0.00-	03	10.75-	02					GLOB UNIF		WV 0 2		
1066	LOAD X	704 706	0.00	24	10.76	22					GLOB UNIF		WV 0 2		
1067	LOAD Y	704 706	0.00	14	10.76	13					GLOB UNIF		WV 0 2		
1068	LOAD Z	704 706	0.00-	02	15.50						GLOB UNIF		WV 0 2		
1069	LOAD X	702 704	0.00-	21	10.75-	21					GLOB UNIF		WV 0 2		
1070	LOAD Y	702 704	0.00	12	10.75	12					GLOB UNIF		WV 0 2		
1071	LOAD Z	702 704	0.00-	02	10.75-	1					GLOB UNIF		WV 0 2		
1072	LOAD X	702 705	0.00	21	10.75	21					GLOB UNIF		WV 0 2		
1073	LOAD Y	702 705	0.00	12	10.75	12					GLOB UNIF		WV 0 2		
1074	LOAD Z	702 705	0.00-	02	10.75-	1					GLOB UNIF		WV 0 2		
1075	LOAD Y	704 705	0.00	48	10.76	48					GLOB UNIF		WV 0 2		
1076	LOAD Z	704 705	0.00-	1	10.76-	1					GLOB UNIF		WV 0 2		
1077	LOAD X	701 506	0.00	25	10.72	22					GLOB UNIF		WV 0 2		
1078	LOAD Y	701 506	0.00	34	10.72	30					GLOB UNIF		WV 0 2		

U.S. NAVY - ACER PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1079	LOAD Z	701	806	0.00	28	16.72	25				GLOB	UNIF	WV	0	2
1080	LOAD X	701	806	16.72	22	16.72	19				GLOB	UNIF	WV	0	2
1081	LOAD Y	701	806	16.72	30	16.72	26				GLOB	UNIF	WV	0	2
1082	LOAD Z	701	806	16.72	25	16.72	23				GLOB	UNIF	WV	0	2
1083	LOAD X	701	806	33.44	19	16.72	16				GLOB	UNIF	WV	0	2
1084	LOAD Y	701	806	33.44	26	16.72	25				GLOB	UNIF	WV	0	2
1085	LOAD Z	701	806	33.44	23	16.72	20				GLOB	UNIF	WV	0	2
1086	LOAD X	703	801	0.00-	1	16.72-	1				GLOB	UNIF	WV	0	2
1087	LOAD Y	703	801	0.00	85	16.72	74				GLOB	UNIF	WV	0	2
1088	LOAD Z	703	801	0.00-	09	16.72-	08				GLOB	UNIF	WV	0	2
1089	LOAD X	703	801	16.72-	1	16.72-	1				GLOB	UNIF	WV	0	2
1090	LOAD Y	703	801	16.72	74	16.72	64				GLOB	UNIF	WV	0	2
1091	LOAD Z	703	801	16.72-	08	16.72-	07				GLOB	UNIF	WV	0	2
1092	LOAD X	703	801	33.44-	1	16.72-	1				GLOB	UNIF	WV	0	2
1093	LOAD Y	703	801	33.44	64	16.72	57				GLOB	UNIF	WV	0	2
1094	LOAD Z	703	801	33.44-	07	16.72-	06				GLOB	UNIF	WV	0	2
1095	LOAD X	706	803	0.00-	24	16.72-	21				GLOB	UNIF	WV	0	2
1096	LOAD Y	706	803	0.00	43	16.72	40				GLOB	UNIF	WV	0	2
1097	LOAD Z	706	803	0.00-	33	16.72-	33				GLOB	UNIF	WV	0	2
1098	LOAD X	706	803	16.72-	21	16.72-	19				GLOB	UNIF	WV	0	2
1099	LOAD Y	706	803	16.72	40	16.72	36				GLOB	UNIF	WV	0	2
1100	LOAD Z	706	803	16.72-	33	16.72-	30				GLOB	UNIF	WV	0	2
1101	LOAD X	706	803	33.44-	19	16.72-	16				GLOB	UNIF	WV	0	2
1102	LOAD Y	706	803	33.44	36	16.72	32				GLOB	UNIF	WV	0	2
1103	LOAD Z	706	803	33.44-	30	16.72-	26				GLOB	UNIF	WV	0	2
1104	LOAD Y	801	802	0.00	41	22.79	41				GLOB	UNIF	WV	0	2
1105	LOAD Z	801	802	0.00-	02	22.79-	02				GLOB	UNIF	WV	0	2
1106	LOAD Y	802	803	0.00	41	22.79	41				GLOB	UNIF	WV	0	2
1107	LOAD Z	802	803	0.00-	02	22.79-	02				GLOB	UNIF	WV	0	2
1108	LOAD X	803	805	0.00-	18	22.79-	18				GLOB	UNIF	WV	0	2
1109	LOAD Y	803	805	0.00	10	22.79	10				GLOB	UNIF	WV	0	2
1110	LOAD Z	803	805	0.00-	02	22.79-	02				GLOB	UNIF	WV	0	2
1111	LOAD X	805	806	0.00-	16	22.80-	16				GLOB	UNIF	WV	0	2
1112	LOAD Y	805	806	0.00	10	22.80	09				GLOB	UNIF	WV	0	2
1113	LOAD Z	805	806	0.00-	02	22.80-	1				GLOB	UNIF	WV	0	2
1114	LOAD X	801	804	0.00	18	22.79	18				GLOB	UNIF	WV	0	2
1115	LOAD Y	801	804	0.00	10	22.79	10				GLOB	UNIF	WV	0	2
1116	LOAD Z	801	804	0.00-	02	22.79-	02				GLOB	UNIF	WV	0	2
1117	LOAD X	804	806	0.00	18	22.80	16				GLOB	UNIF	WV	0	2
1118	LOAD Y	804	806	0.00	10	22.80	09				GLOB	UNIF	WV	0	2
1119	LOAD Z	804	806	0.00-	02	22.80-	1				GLOB	UNIF	WV	0	2
1120	LOAD X	802	804	0.00-	14	22.80-	14				GLOB	UNIF	WV	0	2
1121	LOAD Y	802	804	0.00	08	22.80	08				GLOB	UNIF	WV	0	2
1122	LOAD Z	802	804	0.00-	1	22.80-	1				GLOB	UNIF	WV	0	2
1123	LOAD X	802	805	0.00	14	22.80	14				GLOB	UNIF	WV	0	2
1124	LOAD Y	802	805	0.00	08	22.80	08				GLOB	UNIF	WV	0	2
1125	LOAD Z	802	805	0.00-	1	22.80-	1				GLOB	UNIF	WV	0	2
1126	LOAD Y	804	805	0.00	32	22.80	32				GLOB	UNIF	WV	0	2
1127	LOAD Z	804	805	0.00-	1	22.80-	1				GLOB	UNIF	WV	0	2

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	2	3	4	5	6	7	8
1128	LOAD X 801 903	0.00	1	19.67		GLOB UNIF	WV 0 2	
1129	LOAD Y 801 903	0.00	57	19.67	50	GLOB UNIF	WV 0 2	
1130	LOAD Z 801 903	0.00-	06	19.67-	05	GLOB UNIF	WV 0 2	
1131	LOAD Y 801 903	19.67	50	19.67	44	GLOB UNIF	WV 0 2	
1132	LOAD Z 801 903	19.67-	05	19.67-	04	GLOB UNIF	WV 0 2	
1133	LOAD Y 801 903	39.73	44	19.67	40	GLOB UNIF	WV 0 2	
1134	LOAD Z 801 903	39.73-	04	19.67-	03	GLOB UNIF	WV 0 2	
1135	LOAD X 803 906	0.00-	16	19.67-	16	GLOB UNIF	WV 0 2	
1136	LOAD Y 803 906	0.00	22	19.67	20	GLOB UNIF	WV 0 2	
1137	LOAD Z 803 906	0.00	18	19.67	17	GLOB UNIF	WV 0 2	
1138	LOAD X 803 906	19.67-	16	19.67-	13	GLOB UNIF	WV 0 2	
1139	LOAD Y 803 906	19.67	20	19.67	18	GLOB UNIF	WV 0 2	
1140	LOAD Z 803 906	19.67	17	19.67	16	GLOB UNIF	WV 0 2	
1141	LOAD X 803 906	39.73-	13	19.67-	11	GLOB UNIF	WV 0 2	
1142	LOAD Y 803 906	39.73	18	19.67	16	GLOB UNIF	WV 0 2	
1143	LOAD Z 803 906	39.73	16	19.67	14	GLOB UNIF	WV 0 2	
1144	LOAD X 806 901	0.00	17	19.67	15	GLOB UNIF	WV 0 2	
1145	LOAD Y 806 901	0.00	26	19.67	27	GLOB UNIF	WV 0 2	
1146	LOAD Z 806 901	0.00-	23	19.67-	22	GLOB UNIF	WV 0 2	
1147	LOAD X 806 901	19.67	15	19.67	14	GLOB UNIF	WV 0 2	
1148	LOAD Y 806 901	19.67	27	19.67	24	GLOB UNIF	WV 0 2	
1149	LOAD Z 806 901	19.67-	22	19.67-	20	GLOB UNIF	WV 0 2	
1150	LOAD X 806 901	39.74	14	19.67	12	GLOB UNIF	WV 0 2	
1151	LOAD Y 806 901	39.74	24	19.67	21	GLOB UNIF	WV 0 2	
1152	LOAD Z 806 901	39.74-	20	19.67-	17	GLOB UNIF	WV 0 2	
1153	LOAD Y 901 902	0.00	33	27.42	33	GLOB UNIF	WV 0 2	
1154	LOAD Z 901 902	0.00-	02	27.42-	02	GLOB UNIF	WV 0 2	
1155	LOAD Y 902 903	0.00	33	27.42	33	GLOB UNIF	WV 0 2	
1156	LOAD Z 902 903	0.00-	02	27.42-	02	GLOB UNIF	WV 0 2	
1157	LOAD X 903 905	0.00-	14	27.41-	14	GLOB UNIF	WV 0 2	
1158	LOAD Y 903 905	0.00	08	27.41	08	GLOB UNIF	WV 0 2	
1159	LOAD Z 903 905	0.00-	02	27.41-	1	GLOB UNIF	WV 0 2	
1160	LOAD X 905 906	0.00-	14	13.71-	14	GLOB UNIF	WV 0 2	
1161	LOAD Y 905 906	0.00	08	13.71	08	GLOB UNIF	WV 0 2	
1162	LOAD Z 905 906	0.00-	1	13.71-	1	GLOB UNIF	WV 0 2	
1163	LOAD X 905 906	13.71-	14	13.71-	13	GLOB UNIF	WV 0 2	
1164	LOAD Y 905 906	13.71	08	13.71	07	GLOB UNIF	WV 0 2	
1165	LOAD Z 905 906	13.71-	1	13.71-	1	GLOB UNIF	WV 0 2	
1166	LOAD X 901 904	0.00	14	27.41	14	GLOB UNIF	WV 0 2	
1167	LOAD Y 901 904	0.00	08	27.41	08	GLOB UNIF	WV 0 2	
1168	LOAD Z 901 904	0.00-	02	27.41-	1	GLOB UNIF	WV 0 2	
1169	LOAD X 904 906	0.00	14	13.71	14	GLOB UNIF	WV 0 2	
1170	LOAD Y 904 906	0.00	08	13.71	08	GLOB UNIF	WV 0 2	
1171	LOAD Z 904 906	0.00-	1	13.71-	1	GLOB UNIF	WV 0 2	
1172	LOAD X 904 906	13.71	14	13.71	13	GLOB UNIF	WV 0 2	
1173	LOAD Y 904 906	13.71	08	13.71	07	GLOB UNIF	WV 0 2	
1174	LOAD Z 904 906	13.71-	1	13.71-	1	GLOB UNIF	WV 0 2	
1175	LOAD X 902 904	0.00-	10	27.41-	10	GLOB UNIF	WV 0 2	
1176	LOAD Y 902 904	0.00	08	27.41	08	GLOB UNIF	WV 0 2	

LINE NO.												
1177	LOAD	Z	902	904	0.00-	1	27.41		GLOB	UNIF	WV	0 2
1178	LOAD	X	902	905	0.00	10	27.41	10	GLOB	UNIF	WV	0 2
1179	LOAD	Y	902	905	0.00	06	27.41	06	GLOB	UNIF	WV	0 2
1180	LOAD	Z	902	905	0.00-	1	27.41		GLOB	UNIF	WV	0 2
1181	LOAD	Y	904	905	0.00	23	27.42	23	GLOB	UNIF	WV	0 2
1182	LOAD	X	9011002		0.00		14.08-	1	GLOB	UNIF	WV	0 2
1183	LOAD	Y	9011002		0.00	36	14.08	35	GLOB	UNIF	WV	0 2
1184	LOAD	Z	9011002		0.00-	03	14.08-	02	GLOB	UNIF	WV	0 2
1185	LOAD	X	9011002		14.08-	1	14.08-	1	GLOB	UNIF	WV	0 2
1186	LOAD	Y	9011002		14.08	33	14.08	31	GLOB	UNIF	WV	0 2
1187	LOAD	Z	9011002		14.08-	02	14.08-	02	GLOB	UNIF	WV	0 2
1188	LOAD	X	9011002		28.15-	1	14.08-	1	GLOB	UNIF	WV	0 2
1189	LOAD	Y	9011002		28.15	31	14.08	29	GLOB	UNIF	WV	0 2
1190	LOAD	Z	9011002		28.15-	02	14.08-	1	GLOB	UNIF	WV	0 2
1191	LOAD	X	9031002		0.00		14.08	1	GLOB	UNIF	WV	0 2
1192	LOAD	Y	9031002		0.00	36	14.08	33	GLOB	UNIF	WV	0 2
1193	LOAD	Z	9031002		0.00-	03	14.08-	02	GLOB	UNIF	WV	0 2
1194	LOAD	X	9031002		14.08	1	14.08	1	GLOB	UNIF	WV	0 2
1195	LOAD	Y	9031002		14.08	33	14.08	31	GLOB	UNIF	WV	0 2
1196	LOAD	Z	9031002		14.08-	02	14.08-	02	GLOB	UNIF	WV	0 2
1197	LOAD	X	9031002		28.15	1	14.08	1	GLOB	UNIF	WV	0 2
1198	LOAD	Y	9031002		28.15	31	14.08	29	GLOB	UNIF	WV	0 2
1199	LOAD	Z	9031002		28.15-	02	14.08-	1	GLOB	UNIF	WV	0 2
1200	LOAD	X	9031005		0.00-	06	14.08-	06	GLOB	UNIF	WV	0 2
1201	LOAD	Y	9031005		0.00	22	14.08	21	GLOB	UNIF	WV	0 2
1202	LOAD	Z	9031005		0.00	15	14.08	14	GLOB	UNIF	WV	0 2
1203	LOAD	X	9031005		14.08-	06	14.08-	05	GLOB	UNIF	WV	0 2
1204	LOAD	Y	9031005		14.08	21	14.08	20	GLOB	UNIF	WV	0 2
1205	LOAD	Z	9031005		14.08	14	14.08	14	GLOB	UNIF	WV	0 2
1206	LOAD	X	9031005		28.15-	05	14.08-	05	GLOB	UNIF	WV	0 2
1207	LOAD	Y	9031005		28.15	20	14.08	19	GLOB	UNIF	WV	0 2
1208	LOAD	Z	9031005		28.15	14	14.08	13	GLOB	UNIF	WV	0 2
1209	LOAD	X	9061005		0.00-	06	21.11-	06	GLOB	UNIF	WV	0 2
1210	LOAD	Y	9061005		0.00	25	21.11	23	GLOB	UNIF	WV	0 2
1211	LOAD	Z	9061005		0.00-	14	21.11-	13	GLOB	UNIF	WV	0 2
1212	LOAD	X	9061005		21.11-	06	21.11-	06	GLOB	UNIF	WV	0 2
1213	LOAD	Y	9061005		21.11	25	21.11	21	GLOB	UNIF	WV	0 2
1214	LOAD	Z	9061005		21.11-	13	21.11-	12	GLOB	UNIF	WV	0 2
1215	LOAD	X	9011004		0.00	06	14.08	06	GLOB	UNIF	WV	0 2
1216	LOAD	Y	9011004		0.00	22	14.08	21	GLOB	UNIF	WV	0 2
1217	LOAD	Z	9011004		0.00	15	14.08	14	GLOB	UNIF	WV	0 2
1218	LOAD	X	9011004		14.08	06	14.08	05	GLOB	UNIF	WV	0 2
1219	LOAD	Y	9011004		14.08	21	14.08	20	GLOB	UNIF	WV	0 2
1220	LOAD	Z	9011004		14.08	14	14.08	14	GLOB	UNIF	WV	0 2
1221	LOAD	X	9011004		28.15	05	14.08	05	GLOB	UNIF	WV	0 2
1222	LOAD	Y	9011004		28.15	20	14.08	19	GLOB	UNIF	WV	0 2
1223	LOAD	Z	9011004		28.15	14	14.08	13	GLOB	UNIF	WV	0 2
1224	LOAD	X	9061004		0.00	06	21.11	06	GLOB	UNIF	WV	0 2
1225	LOAD	Y	9061004		0.00	25	21.11	23	GLOB	UNIF	WV	0 2

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																					
1226	LOAD	Z	9061004	0.00-	14	21.11-	15						GLOB	UNIF		WV	0	2			
1227	LOAD	X	9061004	21.11	06	21.11	06						GLOB	UNIF		WV	0	2			
1228	LOAD	Y	9061004	21.11	23	21.11	21						GLOB	UNIF		WV	0	2			
1229	LOAD	Z	9061004	21.11-	13	21.11-	12						GLOB	UNIF		WV	0	2			
1230	LOAD	Y	10011002	0.00	32	32.04	32						GLOB	UNIF		WV	0	2			
1231	LOAD	Y	10021003	0.00	32	32.04	32						GLOB	UNIF		WV	0	2			
1232	LOAD	X	10031005	0.00-	14	32.04-	14						GLOB	UNIF		WV	0	2			
1233	LOAD	Y	10031005	0.00	08	32.04	08						GLOB	UNIF		WV	0	2			
1234	LOAD	X	10051006	0.00-	14	32.04-	13						GLOB	UNIF		WV	0	2			
1235	LOAD	Y	10051006	0.00	08	32.04	08						GLOB	UNIF		WV	0	2			
1236	LOAD	X	10011004	0.00	14	32.04	14						GLOB	UNIF		WV	0	2			
1237	LOAD	Y	10011004	0.00	08	32.04	08						GLOB	UNIF		WV	0	2			
1238	LOAD	X	10041006	0.00	14	32.04	13						GLOB	UNIF		WV	0	2			
1239	LOAD	Y	10041006	0.00	08	32.04	08						GLOB	UNIF		WV	0	2			
1240	LOAD	X	10021004	0.00-	10	32.04-	10						GLOB	UNIF		WV	0	2			
1241	LOAD	Y	10021004	0.00	08	32.04	08						GLOB	UNIF		WV	0	2			
1242	LOAD	X	10021005	0.00	10	32.04	10						GLOB	UNIF		WV	0	2			
1243	LOAD	Y	10021005	0.00	08	32.04	08						GLOB	UNIF		WV	0	2			
1244	LOAD	Y	10041005	0.00	23	32.04	23						GLOB	UNIF		WV	0	2			
1245	LOAD	Y	201	301	4.06	86	1.98	112					GLOB	UNIF		WV	0	2			
1246	LOAD	Y	201	301	11.04	112	1.98	139					GLOB	UNIF		WV	0	2			
1247	LOAD	Y	201	301	13.02	139	1.98	165					GLOB	UNIF		WV	0	2			
1248	LOAD	Y	203	303	4.06	86	1.98	112					GLOB	UNIF		WV	0	2			
1249	LOAD	Y	203	303	11.04	112	1.98	139					GLOB	UNIF		WV	0	2			
1250	LOAD	Y	203	303	13.02	139	1.98	165					GLOB	UNIF		WV	0	2			
1251	LOAD	Y	301	401	0.00	165	14.25	210					GLOB	UNIF		WV	0	2			
1252	LOAD	Y	301	401	14.25	210	14.25	143					GLOB	UNIF		WV	0	2			
1253	LOAD	Y	303	403	0.00	165	14.25	210					GLOB	UNIF		WV	0	2			
1254	LOAD	Y	303	403	14.25	210	14.25	143					GLOB	UNIF		WV	0	2			
1255	LOAD	Y	306	406	.19		9.44	145					GLOB	UNIF		WV	0	2			
1256	LOAD	Y	306	406	9.63	195	9.44	188					GLOB	UNIF		WV	0	2			
1257	LOAD	Y	306	406	19.06	188	9.44	144					GLOB	UNIF		WV	0	2			
1258	LOAD	X	401	501	0.00-	08	4.56-	08					GLOB	UNIF		WV	0	2			
1259	LOAD	Y	401	501	0.00	239	4.56	215					GLOB	UNIF		WV	0	2			
1260	LOAD	Z	401	501	0.00-	21	4.56-	19					GLOB	UNIF		WV	0	2			
1261	LOAD	X	403	503	0.00	08	4.56	08					GLOB	UNIF		WV	0	2			
1262	LOAD	Y	403	503	0.00	239	4.56	215					GLOB	UNIF		WV	0	2			
1263	LOAD	Z	403	503	0.00-	21	4.56-	19					GLOB	UNIF		WV	0	2			
1264	LOAD	Y	406	506	0.00	236	4.56	214					GLOB	UNIF		WV	0	2			
1265	LOAD	Z	406	506	0.00	39	4.56	36					GLOB	UNIF		WV	0	2			
1266	LOAD	X	501	601	0.00-	07	3.04-	07					GLOB	UNIF		WV	0	2			
1267	LOAD	Y	501	601	0.00	213	3.04	202					GLOB	UNIF		WV	0	2			
1268	LOAD	Z	501	601	0.00-	19	3.04-	18					GLOB	UNIF		WV	0	2			
1269	LOAD	X	501	601	3.04-	07	3.04-	07					GLOB	UNIF		WV	0	2			
1270	LOAD	Y	501	601	3.04	202	3.04	191					GLOB	UNIF		WV	0	2			
1271	LOAD	Z	501	601	3.04-	18	3.04-	17					GLOB	UNIF		WV	0	2			
1272	LOAD	X	503	603	0.00	07	3.04	07					GLOB	UNIF		WV	0	2			
1273	LOAD	Y	503	603	0.00	213	3.04	202					GLOB	UNIF		WV	0	2			
1274	LOAD	Z	503	603	0.00-	19	3.04-	18					GLOB	UNIF		WV	0	2			

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0															
1275 LOAD X	503	603	3.04	07	3.04	07					GLOB	UNIF	WV	0	2
1276 LOAD Y	503	603	3.04	202	3.04	191					GLOB	UNIF	WV	0	2
1277 LOAD Z	503	603	3.04-	18	3.04-	17					GLOB	UNIF	WV	0	2
1278 LOAD Y	506	606	0.00	211	6.08	190					GLOB	UNIF	WV	0	2
1279 LOAD Z	506	606	0.00	35	6.08	32					GLOB	UNIF	WV	0	2
1280 LOAD X	601	621	0.00-	07	6.08-	07					GLOB	UNIF	WV	0	2
1281 LOAD Y	601	621	0.00	191	6.08	173					GLOB	UNIF	WV	0	2
1282 LOAD Z	601	621	0.00-	17	6.08-	15					GLOB	UNIF	WV	0	2
1283 LOAD X	603	623	0.00	07	6.08	07					GLOB	UNIF	WV	0	2
1284 LOAD Y	603	623	0.00	191	6.08	173					GLOB	UNIF	WV	0	2
1285 LOAD Z	603	623	0.00-	17	6.08-	15					GLOB	UNIF	WV	0	2
1286 LOAD Y	606	626	0.00	191	6.08	174					GLOB	UNIF	WV	0	2
1287 LOAD Z	606	626	0.00	31	6.08	29					GLOB	UNIF	WV	0	2
1288 LOAD X	621	651	0.00-	15	6.08-	14					GLOB	UNIF	WV	0	2
1289 LOAD Y	621	651	0.00	256	6.08	230					GLOB	UNIF	WV	0	2
1290 LOAD Z	621	651	0.00-	23	6.08-	21					GLOB	UNIF	WV	0	2
1291 LOAD X	623	653	0.00	15	6.08	14					GLOB	UNIF	WV	0	2
1292 LOAD Y	623	653	0.00	256	6.08	230					GLOB	UNIF	WV	0	2
1293 LOAD Z	623	653	0.00-	23	6.08-	21					GLOB	UNIF	WV	0	2
1294 LOAD Y	626	656	0.00	272	6.08	248					GLOB	UNIF	WV	0	2
1295 LOAD Z	626	656	0.00	45	6.08	41					GLOB	UNIF	WV	0	2
1296 LOAD X	651	701	0.00-	14	3.55-	14					GLOB	UNIF	WV	0	2
1297 LOAD Y	651	701	0.00	230	3.55	218					GLOB	UNIF	WV	0	2
1298 LOAD Z	651	701	0.00-	21	3.55-	20					GLOB	UNIF	WV	0	2
1299 LOAD X	651	701	3.55-	14	3.55-	13					GLOB	UNIF	WV	0	2
1300 LOAD Y	651	701	3.55	218	3.55	206					GLOB	UNIF	WV	0	2
1301 LOAD Z	651	701	3.55-	20	3.55-	19					GLOB	UNIF	WV	0	2
1302 LOAD X	653	703	0.00	14	3.55	14					GLOB	UNIF	WV	0	2
1303 LOAD Y	653	703	0.00	230	3.55	218					GLOB	UNIF	WV	0	2
1304 LOAD Z	653	703	0.00-	21	3.55-	20					GLOB	UNIF	WV	0	2
1305 LOAD X	653	703	3.55	14	3.55	13					GLOB	UNIF	WV	0	2
1306 LOAD Y	653	703	3.55	218	3.55	206					GLOB	UNIF	WV	0	2
1307 LOAD Z	653	703	3.55-	20	3.55-	19					GLOB	UNIF	WV	0	2
1308 LOAD Y	656	706	0.00	248	7.10	225					GLOB	UNIF	WV	0	2
1309 LOAD Z	656	706	0.00	41	7.10	38					GLOB	UNIF	WV	0	2
1310 LOAD X	701	801	0.00-	11	9.46-	10					GLOB	UNIF	WV	0	2
1311 LOAD Y	701	801	0.00	196	9.46	170					GLOB	UNIF	WV	0	2
1312 LOAD Z	701	801	0.00-	18	9.46-	16					GLOB	UNIF	WV	0	2
1313 LOAD X	701	801	9.46-	10	9.46-	09					GLOB	UNIF	WV	0	2
1314 LOAD Y	701	801	9.46	170	9.46	148					GLOB	UNIF	WV	0	2
1315 LOAD Z	701	801	9.46-	16	9.46-	14					GLOB	UNIF	WV	0	2
1316 LOAD X	701	801	18.92-	09	9.46-	08					GLOB	UNIF	WV	0	2
1317 LOAD Y	701	801	18.92	148	9.46	129					GLOB	UNIF	WV	0	2
1318 LOAD Z	701	801	18.92-	14	9.46-	12					GLOB	UNIF	WV	0	2
1319 LOAD X	703	803	0.00	11	9.46	10					GLOB	UNIF	WV	0	2
1320 LOAD Y	703	803	0.00	196	9.46	170					GLOB	UNIF	WV	0	2
1321 LOAD Z	703	803	0.00-	18	9.46-	16					GLOB	UNIF	WV	0	2
1322 LOAD X	703	803	9.46	10	9.46	09					GLOB	UNIF	WV	0	2
1323 LOAD Y	703	803	9.46	170	9.46	148					GLOB	UNIF	WV	0	2

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - NLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1324	LOAD Z	703 803	9.46-	16	9.46-	14					GLOB UNIF		WV	0	2
1325	LOAD X	703 803	18.92	09	9.46	08					GLOB UNIF		WV	0	2
1326	LOAD Y	703 803	18.92	148	9.46	129					GLOB UNIF		WV	0	2
1327	LOAD Z	703 803	18.92-	14	9.46-	12					GLOB UNIF		WV	0	2
1328	LOAD Y	706 806	0.00	211	9.46	180					GLOB UNIF		WV	0	2
1329	LOAD Z	706 806	0.00	35	9.46	31					GLOB UNIF		WV	0	2
1330	LOAD Y	706 806	9.46	186	9.46	166					GLOB UNIF		WV	0	2
1331	LOAD Z	706 806	9.46	31	9.46	28					GLOB UNIF		WV	0	2
1332	LOAD Y	706 806	18.92	166	9.46	149					GLOB UNIF		WV	0	2
1333	LOAD Z	706 806	18.92	28	9.46	25					GLOB UNIF		WV	0	2
1334	LOAD X	901 901	0.00-	09	10.81-	08					GLOB UNIF		WV	0	2
1335	LOAD Y	901 901	0.00	129	10.81	113					GLOB UNIF		WV	0	2
1336	LOAD Z	901 901	0.00-	12	10.81-	10					GLOB UNIF		WV	0	2
1337	LOAD X	901 901	10.81-	06	10.81-	05					GLOB UNIF		WV	0	2
1338	LOAD Y	901 901	10.81	113	10.81	99					GLOB UNIF		WV	0	2
1339	LOAD Z	901 901	10.81-	10	10.81-	09					GLOB UNIF		WV	0	2
1340	LOAD X	901 901	21.63-	05	10.81-	03					GLOB UNIF		WV	0	2
1341	LOAD Y	901 901	21.63	99	10.81	88					GLOB UNIF		WV	0	2
1342	LOAD Z	901 901	21.63-	09	10.81-	08					GLOB UNIF		WV	0	2
1343	LOAD X	903 903	0.00	06	10.81	06					GLOB UNIF		WV	0	2
1344	LOAD Y	903 903	0.00	129	10.81	113					GLOB UNIF		WV	0	2
1345	LOAD Z	903 903	0.00-	12	10.81-	10					GLOB UNIF		WV	0	2
1346	LOAD X	903 903	10.81	06	10.81	05					GLOB UNIF		WV	0	2
1347	LOAD Y	903 903	10.81	113	10.81	99					GLOB UNIF		WV	0	2
1348	LOAD Z	903 903	10.81-	10	10.81-	09					GLOB UNIF		WV	0	2
1349	LOAD X	903 903	21.63	05	10.81	03					GLOB UNIF		WV	0	2
1350	LOAD Y	903 903	21.63	99	10.81	88					GLOB UNIF		WV	0	2
1351	LOAD Z	903 903	21.63-	09	10.81-	08					GLOB UNIF		WV	0	2
1352	LOAD Y	906 906	0.00	149	10.81	134					GLOB UNIF		WV	0	2
1353	LOAD Z	906 906	0.00	25	10.81	22					GLOB UNIF		WV	0	2
1354	LOAD Y	906 906	10.81	134	10.81	122					GLOB UNIF		WV	0	2
1355	LOAD Z	906 906	10.81	22	10.81	20					GLOB UNIF		WV	0	2
1356	LOAD Y	906 906	21.63	124	10.81	113					GLOB UNIF		WV	0	2
1357	LOAD Z	906 906	21.63	20	10.81	19					GLOB UNIF		WV	0	2
1358	LOAD X	9011001	0.00-	03	10.81-	02					GLOB UNIF		WV	0	2
1359	LOAD Y	9011001	0.00	88	10.81	79					GLOB UNIF		WV	0	2
1360	LOAD Z	9011001	0.00-	08	10.81-	07					GLOB UNIF		WV	0	2
1361	LOAD X	9011001	10.81-	02	10.81-	1					GLOB UNIF		WV	0	2
1362	LOAD Y	9011001	10.81	79	10.81	71					GLOB UNIF		WV	0	2
1363	LOAD Z	9011001	10.81-	07	10.81-	06					GLOB UNIF		WV	0	2
1364	LOAD X	9011001	21.63-	1	4.63						GLOB UNIF		WV	0	2
1365	LOAD X	9011001	26.26		6.18	1					GLOB UNIF		WV	0	2
1366	LOAD Y	9011001	21.63	71	10.81	65					GLOB UNIF		WV	0	2
1367	LOAD Z	9011001	21.63-	08	10.81-	05					GLOB UNIF		WV	0	2
1368	LOAD X	9031003	0.00	03	10.81	02					GLOB UNIF		WV	0	2
1369	LOAD Y	9031003	0.00	88	10.81	79					GLOB UNIF		WV	0	2
1370	LOAD Z	9031003	0.00-	08	10.81-	07					GLOB UNIF		WV	0	2
1371	LOAD X	9031003	10.81	02	10.81	1					GLOB UNIF		WV	0	2
1372	LOAD Y	9031003	10.81	79	10.81	71					GLOB UNIF		WV	0	2

```
                                1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    1373 LOAD Z  9031003  10.81-   07  10.81-   06                        GLOB UNIF    WV 0 2
    1374 LOAD X  9031003  21.63    1   4.63                              GLOB UNIF    WV 0 2
    1375 LOAD X  9031003  26.26        6.18-   1                         GLOB UNIF    WV 0 2
    1376 LOAD Y  9031003  21.63   71  10.81   65                         GLOB UNIF    WV 0 2
    1377 LOAD Z  9031003  21.63-  06  10.81-  05                         GLOB UNIF    WV 0 2
    1378 LOAD Y  9061006   0.00  113  16.22  104                         GLOB UNIF    WV 0 2
    1379 LOAD Z  9061006   0.00   19  16.22   17                         GLOB UNIF    WV 0 2
    1380 LOAD Y  9061006  16.22  104  16.22  100                         GLOB UNIF    WV 0 2
    1381 LOAD Z  9061006  16.22   17  16.22   17                         GLOB UNIF    WV 0 2
    1382 LOADCN  3
    1383 LOAD X  510 710  7.59-  135                                     GLOB CONC    WN 0 3
    1384 LOAD Y  510 710                                 7.59-106399    GLOB MOMT    WN 0 3
    1385 LOAD Y  510 710  7.59-  234                                     GLOB CONC    WN 0 3
    1386 LOAD X  510 710                                 7.59 184288    GLOB MOMT    WN 0 3
    1387 LOAD X  511 711  7.59-  135                                     GLOB CONC    WN 0 3
    1388 LOAD Y  511 711                                 7.59-106399    GLOB MOMT    WN 0 3
    1389 LOAD Y  511 711  7.59-  234                                     GLOB CONC    WN 0 3
    1390 LOAD X  511 711                                 7.59 184288    GLOB MOMT    WN 0 3
    1391 LOAD X  512 712  7.59-  135                                     GLOB CONC    WN 0 3
    1392 LOAD Y  512 712                                 7.59-106399    GLOB MOMT    WN 0 3
    1393 LOAD Y  512 712  7.59-  234                                     GLOB CONC    WN 0 3
    1394 LOAD X  512 712                                 7.59 184288    GLOB MOMT    WN 0 3
    1395 LOAD X  510 710  7.59-  137                                     GLOB CONC    WN 0 3
    1396 LOAD Y  510 710                                 7.59- 98656    GLOB MOMT    WN 0 3
    1397 LOAD Y  510 710  7.59-  236                                     GLOB CONC    WN 0 3
    1398 LOAD X  510 710                                 7.59 170877    GLOB MOMT    WN 0 3
    1399 LOAD X  511 711  7.59-  137                                     GLOB CONC    WN 0 3
    1400 LOAD Y  511 711                                 7.59- 98656    GLOB MOMT    WN 0 3
    1401 LOAD Y  511 711  7.59-  236                                     GLOB CONC    WN 0 3
    1402 LOAD X  511 711                                 7.59 170877    GLOB MOMT    WN 0 3
    1403 LOAD X  512 712  7.59-  137                                     GLOB CONC    WN 0 3
    1404 LOAD Y  512 712                                 7.59- 98656    GLOB MOMT    WN 0 3
    1405 LOAD Y  512 712  7.59-  236                                     GLOB CONC    WN 0 3
    1406 LOAD X  512 712                                 7.59 170877    GLOB MOMT    WN 0 3
    1407 LOAD X  201 303 30.95-   08  1.70-   09                         GLOB UNIF    WV 0 3
    1408 LOAD Y  201 303 30.95-   75  1.70-   81                         GLOB UNIF    WV 0 3
    1409 LOAD Z  201 303 30.95    16  1.70    18                         GLOB UNIF    WV 0 3
    1410 LOAD X  203 306 22.06-   11  3.53-   14                         GLOB UNIF    WV 0 3
    1411 LOAD Y  203 306 22.06-   20  3.53-   25                         GLOB UNIF    WV 0 3
    1412 LOAD Z  203 306 22.06-   44  3.53-   55                         GLOB UNIF    WV 0 3
    1413 LOAD X  203 306 25.59-   14  3.53-   17                         GLOB UNIF    WV 0 3
    1414 LOAD Y  203 306 25.59-   25  3.53-   29                         GLOB UNIF    WV 0 3
    1415 LOAD Z  203 306 25.59-   55  3.53-   65                         GLOB UNIF    WV 0 3
    1416 LOAD X  203 306 29.12-   17  3.53-   19                         GLOB UNIF    WV 0 3
    1417 LOAD Y  203 306 29.12-   29  3.53-   33                         GLOB UNIF    WV 0 3
    1418 LOAD Z  203 306 29.12-   65  3.53-   74                         GLOB UNIF    WV 0 3
    1419 LOAD X  206 301 20.80-   83  3.95-  102                         GLOB UNIF    WV 0 3
    1420 LOAD Y  206 301 20.80-   39  3.95-   55                         GLOB UNIF    WV 0 3
    1421 LOAD Z  206 301 20.80-   14  3.95-   07                         GLOB UNIF    WV 0 3
```

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																				
1422	LOAD	X	206	301	24.75-	102	3.95-	124					GLOB	UNIF		WV	0	3		
1423	LOAD	Y	206	301	24.75-	55	3.95-	72					GLOB	UNIF		WV	0	3		
1424	LOAD	Z	206	301	24.75-	07	3.64						GLOB	UNIF		WV	0	3		
1425	LOAD	X	206	301	28.70-	124	3.95-	148					GLOB	UNIF		WV	0	3		
1426	LOAD	Y	206	301	28.70-	72	3.95-	90					GLOB	UNIF		WV	0	3		
1427	LOAD	Z	206	301	28.70		3.95	08					GLOB	UNIF		WV	0	3		
1428	LOAD	X	301	403	0.00-	23	20.33-	33					GLOB	UNIF		WV	0	3		
1429	LOAD	Y	301	403	0.00-	110	20.33-	141					GLOB	UNIF		WV	0	3		
1430	LOAD	Z	301	403	0.00	23	20.33	34					GLOB	UNIF		WV	0	3		
1431	LOAD	X	301	403	20.33-	33	20.33-	23					GLOB	UNIF		WV	0	3		
1432	LOAD	Y	301	403	20.33-	141	20.33-	98					GLOB	UNIF		WV	0	3		
1433	LOAD	Z	301	403	20.33	34	20.33	23					GLOB	UNIF		WV	0	3		
1434	LOAD	Y	301	503	0.00-	90	9.67-	89					GLOB	UNIF		WV	0	3		
1435	LOAD	Z	301	503	0.00-	11	9.67-	09					GLOB	UNIF		WV	0	3		
1436	LOAD	Y	301	503	9.67-	89	9.67-	77					GLOB	UNIF		WV	0	3		
1437	LOAD	Z	301	503	9.67-	09	9.67-	04					GLOB	UNIF		WV	0	3		
1438	LOAD	Y	301	503	19.33-	77	9.67-	65					GLOB	UNIF		WV	0	3		
1439	LOAD	Z	301	503	19.33-	04	7.65						GLOB	UNIF		WV	0	3		
1440	LOAD	Z	301	503	26.99		2.01	1					GLOB	UNIF		WV	0	3		
1441	LOAD	Z	303	306	0.00	1	1.01						GLOB	UNIF		WV	0	3		
1442	LOAD	Z	303	306	1.01		8.66-	09					GLOB	UNIF		WV	0	3		
1443	LOAD	Z	303	306	9.67-	09	9.67-	13					GLOB	UNIF		WV	0	3		
1444	LOAD	Z	303	306	19.33-	13	9.67-	17					GLOB	UNIF		WV	0	3		
1445	LOAD	X	301	306	0.00-	76	14.50-	81					GLOB	UNIF		WV	0	3		
1446	LOAD	Y	301	306	0.00-	45	14.50-	47					GLOB	UNIF		WV	0	3		
1447	LOAD	Z	301	306	0.00-	11	14.50-	14					GLOB	UNIF		WV	0	3		
1448	LOAD	X	301	306	14.50-	81	14.50-	85					GLOB	UNIF		WV	0	3		
1449	LOAD	Y	301	306	14.50-	47	14.50-	48					GLOB	UNIF		WV	0	3		
1450	LOAD	Z	301	306	14.50-	14	14.50-	17					GLOB	UNIF		WV	0	3		
1451	LOAD	Y	501	502	0.00-	59	15.15-	58					GLOB	UNIF		WV	0	3		
1452	LOAD	Z	501	502	0.00-	07	15.15-	05					GLOB	UNIF		WV	0	3		
1453	LOAD	Y	502	503	0.00-	58	15.15-	56					GLOB	UNIF		WV	0	3		
1454	LOAD	Z	502	503	0.00-	05	15.15-	03					GLOB	UNIF		WV	0	3		
1455	LOAD	Z	503	505	0.00-	03	7.57-	05					GLOB	UNIF		WV	0	3		
1456	LOAD	Z	505	505	7.57-	05	7.57-	07					GLOB	UNIF		WV	0	3		
1457	LOAD	Z	505	506	0.00-	07	15.15-	08					GLOB	UNIF		WV	0	3		
1458	LOAD	X	501	504	0.00-	51	15.15-	51					GLOB	UNIF		WV	0	3		
1459	LOAD	Y	501	504	0.00-	29	15.15-	29					GLOB	UNIF		WV	0	3		
1460	LOAD	Z	501	504	0.00-	07	15.15-	07					GLOB	UNIF		WV	0	3		
1461	LOAD	X	504	506	0.00-	51	15.15-	51					GLOB	UNIF		WV	0	3		
1462	LOAD	Y	504	506	0.00-	29	15.15-	29					GLOB	UNIF		WV	0	3		
1463	LOAD	Z	504	506	0.00-	07	15.15-	08					GLOB	UNIF		WV	0	3		
1464	LOAD	Z	502	504	0.00-	02	7.58-	03					GLOB	UNIF		WV	0	3		
1465	LOAD	Z	502	504	7.58-	03	7.58-	03					GLOB	UNIF		WV	0	3		
1466	LOAD	X	502	505	0.00-	33	15.15-	34					GLOB	UNIF		WV	0	3		
1467	LOAD	Y	502	505	0.00-	19	15.15-	19					GLOB	UNIF		WV	0	3		
1468	LOAD	Z	502	505	0.00-	02	15.15-	03					GLOB	UNIF		WV	0	3		
1469	LOAD	Y	504	505	0.00-	39	15.15-	39					GLOB	UNIF		WV	0	3		
1470	LOAD	Z	504	505	0.00-	03	15.15-	03					GLOB	UNIF		WV	0	3		

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1471	LOAD X	501	513	0.00-	25	2.99-	25				GLOB	UNIF		WV	0 3
1472	LOAD Y	501	513	0.00-	44	2.99-	44				GLOB	UNIF		WV	0 3
1473	LOAD Z	501	513	0.00-	03	2.99-	03				GLOB	UNIF		WV	0 3
1474	LOAD X	503	514	0.00	12	2.99	12				GLOB	UNIF		WV	0 3
1475	LOAD Y	503	514	0.00-	21	2.99-	20				GLOB	UNIF		WV	0 3
1476	LOAD Z	503	514	0.00-	1	2.99-	1				GLOB	UNIF		WV	0 3
1477	LOAD X	513	651	0.00-	90	6.00-	81				GLOB	UNIF		WV	0 3
1478	LOAD Y	513	651	0.00-	157	6.00-	141				GLOB	UNIF		WV	0 3
1479	LOAD X	513	651	6.00-	81	6.00-	74				GLOB	UNIF		WV	0 3
1480	LOAD Y	513	651	6.00-	141	6.00-	128				GLOB	UNIF		WV	0 3
1481	LOAD X	513	651	12.00-	74	6.00-	67				GLOB	UNIF		WV	0 3
1482	LOAD Y	513	651	12.00-	128	6.00-	116				GLOB	UNIF		WV	0 3
1483	LOAD X	514	653	0.00-	91	6.00-	82				GLOB	UNIF		WV	0 3
1484	LOAD Y	514	653	0.00-	156	6.00-	143				GLOB	UNIF		WV	0 3
1485	LOAD X	514	653	6.00-	82	6.00-	75				GLOB	UNIF		WV	0 3
1486	LOAD Y	514	653	6.00-	143	6.00-	130				GLOB	UNIF		WV	0 3
1487	LOAD X	514	653	12.00-	75	6.00-	68				GLOB	UNIF		WV	0 3
1488	LOAD Y	514	653	12.00-	130	6.00-	119				GLOB	UNIF		WV	0 3
1489	LOAD X	601	611	0.00-	27	6.00-	27				GLOB	UNIF		WV	0 3
1490	LOAD Z	601	611	0.00-	05	6.00-	04				GLOB	UNIF		WV	0 3
1491	LOAD X	603	613	0.00-	25	6.00-	25				GLOB	UNIF		WV	0 3
1492	LOAD Z	603	613	0.00-	02	6.00-	1				GLOB	UNIF		WV	0 3
1493	LOAD X	651	661	0.00-	22	5.00-	22				GLOB	UNIF		WV	0 3
1494	LOAD Z	651	661	0.00-	04	5.00-	04				GLOB	UNIF		WV	0 3
1495	LOAD X	653	663	0.00-	21	5.00-	20				GLOB	UNIF		WV	0 3
1496	LOAD Z	653	663	0.00-	02	5.00-	02				GLOB	UNIF		WV	0 3
1497	LOAD Y	611	612	0.00-	39	16.01-	38				GLOB	UNIF		WV	0 3
1498	LOAD Z	611	612	0.00-	03	16.01-	02				GLOB	UNIF		WV	0 3
1499	LOAD Y	612	613	0.00-	38	16.01-	36				GLOB	UNIF		WV	0 3
1500	LOAD Z	612	613	0.00-	02	16.01					GLOB	UNIF		WV	0 3
1501	LOAD Y	661	662	0.00-	71	17.74-	68				GLOB	UNIF		WV	0 3
1502	LOAD Z	661	662	0.00-	03	17.74-	1				GLOB	UNIF		WV	0 3
1503	LOAD Y	662	663	0.00-	68	17.74-	64				GLOB	UNIF		WV	0 3
1504	LOAD Z	662	663	0.00-	1	9.29					GLOB	UNIF		WV	0 3
1505	LOAD Z	662	663	9.29		6.45	1				GLOB	UNIF		WV	0 3
1506	LOAD X	611	661	0.00-	62	6.06-	57				GLOB	UNIF		WV	0 3
1507	LOAD Y	611	661	0.00-	104	6.06-	95				GLOB	UNIF		WV	0 3
1508	LOAD Z	611	661	0.00-	09	6.06-	08				GLOB	UNIF		WV	0 3
1509	LOAD X	611	661	6.06-	57	6.06-	51				GLOB	UNIF		WV	0 3
1510	LOAD Y	611	661	6.06-	95	6.06-	86				GLOB	UNIF		WV	0 3
1511	LOAD Z	611	661	6.06-	08	6.06-	07				GLOB	UNIF		WV	0 3
1512	LOAD X	612	662	0.00-	38	6.00-	34				GLOB	UNIF		WV	0 3
1513	LOAD Y	612	662	0.00-	65	6.00-	59				GLOB	UNIF		WV	0 3
1514	LOAD X	612	662	6.00-	34	6.00-	31				GLOB	UNIF		WV	0 3
1515	LOAD Y	612	662	6.00-	59	6.00-	54				GLOB	UNIF		WV	0 3
1516	LOAD X	613	663	0.00-	55	6.06-	50				GLOB	UNIF		WV	0 3
1517	LOAD Y	613	663	0.00-	101	6.06-	92				GLOB	UNIF		WV	0 3
1518	LOAD Z	613	663	0.00	08	6.06	07				GLOB	UNIF		WV	0 3
1519	LOAD X	613	663	6.06-	50	6.06-	46				GLOB	UNIF		WV	0 3

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1520	LOAD Y	613 663	6.06-	92	6.06-	88					GLOB UNIF		WV 0 3		
1521	LOAD Z	613 663	6.06	07	6.06	07					GLOB UNIF		WV 0 3		
1522	LOAD X	501 622	0.00-	07	6.80-	06					GLOB UNIF		WV 0 3		
1523	LOAD Y	501 622	0.00-	72	6.80-	68					GLOB UNIF		WV 0 3		
1524	LOAD Z	501 622	0.00	15	6.80	14					GLOB UNIF		WV 0 3		
1525	LOAD X	501 622	6.80-	06	6.80-	06					GLOB UNIF		WV 0 3		
1526	LOAD Y	501 622	6.80-	68	6.80-	63					GLOB UNIF		WV 0 3		
1527	LOAD Z	501 622	6.80	14	6.80	14					GLOB UNIF		WV 0 3		
1528	LOAD X	501 622	13.61-	06	6.80-	06					GLOB UNIF		WV 0 3		
1529	LOAD Y	501 622	13.61-	63	6.80-	58					GLOB UNIF		WV 0 3		
1530	LOAD Z	501 622	13.61	14	6.80	13					GLOB UNIF		WV 0 3		
1531	LOAD X	622 703	0.00-	11	7.26-	11					GLOB UNIF		WV 0 3		
1532	LOAD Y	622 703	0.00-	86	7.26-	79					GLOB UNIF		WV 0 3		
1533	LOAD Z	622 703	0.00	22	7.26	21					GLOB UNIF		WV 0 3		
1534	LOAD X	622 703	7.26-	11	7.26-	10					GLOB UNIF		WV 0 3		
1535	LOAD Y	622 703	7.26-	79	7.26-	73					GLOB UNIF		WV 0 3		
1536	LOAD Z	622 703	7.26	21	7.26	20					GLOB UNIF		WV 0 3		
1537	LOAD X	622 703	14.51-	10	7.26-	10					GLOB UNIF		WV 0 3		
1538	LOAD Y	622 703	14.51-	73	7.26-	68					GLOB UNIF		WV 0 3		
1539	LOAD Z	622 703	14.51	20	7.26	18					GLOB UNIF		WV 0 3		
1540	LOAD X	503 625	0.00-	19	20.25-	17					GLOB UNIF		WV 0 3		
1541	LOAD Y	503 625	0.00-	26	20.25-	24					GLOB UNIF		WV 0 3		
1542	LOAD Z	503 625	0.00-	43	20.25-	40					GLOB UNIF		WV 0 3		
1543	LOAD X	625 706	0.00-	24	10.96-	22					GLOB UNIF		WV 0 3		
1544	LOAD Y	625 706	0.00-	34	10.96-	31					GLOB UNIF		WV 0 3		
1545	LOAD Z	625 706	0.00-	56	10.96-	51					GLOB UNIF		WV 0 3		
1546	LOAD X	625 706	10.96-	22	10.96-	20					GLOB UNIF		WV 0 3		
1547	LOAD Y	625 706	10.96-	31	10.96-	28					GLOB UNIF		WV 0 3		
1548	LOAD Z	625 706	10.96-	51	10.96-	46					GLOB UNIF		WV 0 3		
1549	LOAD X	506 624	0.00-	59	10.12-	53					GLOB UNIF		WV 0 3		
1550	LOAD Y	506 624	0.00-	48	10.12-	43					GLOB UNIF		WV 0 3		
1551	LOAD Z	506 624	0.00	09	10.12	09					GLOB UNIF		WV 0 3		
1552	LOAD X	506 624	10.12-	55	10.12-	49					GLOB UNIF		WV 0 3		
1553	LOAD Y	506 624	10.12-	43	10.12-	39					GLOB UNIF		WV 0 3		
1554	LOAD Z	506 624	10.12	09	10.12	08					GLOB UNIF		WV 0 3		
1555	LOAD X	624 701	0.00-	72	10.97-	64					GLOB UNIF		WV 0 3		
1556	LOAD Y	624 701	0.00-	61	10.97-	55					GLOB UNIF		WV 0 3		
1557	LOAD Z	624 701	0.00	15	10.97	14					GLOB UNIF		WV 0 3		
1558	LOAD X	624 701	10.97-	64	10.97-	58					GLOB UNIF		WV 0 3		
1559	LOAD Y	624 701	10.97-	55	10.97-	50					GLOB UNIF		WV 0 3		
1560	LOAD Z	624 701	10.97	14	10.97	13					GLOB UNIF		WV 0 3		
1561	LOAD Y	701 702	0.00-	48	18.76-	47					GLOB UNIF		WV 0 3		
1562	LOAD Z	701 702	0.00-	02	18.76-	1					GLOB UNIF		WV 0 3		
1563	LOAD Y	702 703	0.00-	47	18.76-	45					GLOB UNIF		WV 0 3		
1564	LOAD Z	702 703	0.00-	1	18.76						GLOB UNIF		WV 0 3		
1565	LOAD Z	703 705	0.00		6.25-	1					GLOB UNIF		WV 0 3		
1566	LOAD Z	703 705	6.25-	1	6.25-	02					GLOB UNIF		WV 0 3		
1567	LOAD Z	703 705	12.50-	02	6.25-	02					GLOB UNIF		WV 0 3		
1568	LOAD Z	705 708	0.00-	02	9.38-	03					GLOB UNIF		WV 0 3		

STRAN INPUT DATA

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1569	LOAD Z	705 706	9.38-	03	9.38-	03					GLOB UNIF		WV 0 3		
1570	LOAD X	701 704	0.00-	42	18.75-	42					GLOB UNIF		WV 0 3		
1571	LOAD Y	701 704	0.00-	24	18.75-	24					GLOB UNIF		WV 0 3		
1572	LOAD Z	701 704	0.00-	02	18.75-	03					GLOB UNIF		WV 0 3		
1573	LOAD X	704 706	0.00-	42	18.76-	42					GLOB UNIF		WV 0 3		
1574	LOAD Y	704 706	0.00-	24	18.76-	24					GLOB UNIF		WV 0 3		
1575	LOAD Z	704 706	0.00-	03	18.76-	03					GLOB UNIF		WV 0 3		
1576	LOAD Z	702 704	0.00-	1	6.25-	1					GLOB UNIF		WV 0 3		
1577	LOAD Z	702 704	6.25-	1	6.25-	1					GLOB UNIF		WV 0 3		
1578	LOAD Z	702 704	12.50-	1	6.25-	02					GLOB UNIF		WV 0 3		
1579	LOAD X	702 705	0.00-	35	18.75-	36					GLOB UNIF		WV 0 3		
1580	LOAD Y	702 705	0.00-	20	18.75-	21					GLOB UNIF		WV 0 3		
1581	LOAD Z	702 705	0.00-	1	18.75-	1					GLOB UNIF		WV 0 3		
1582	LOAD Y	704 705	0.00-	42	18.76-	42					GLOB UNIF		WV 0 3		
1583	LOAD Z	704 705	0.00-	02	18.76-	1					GLOB UNIF		WV 0 3		
1584	LOAD X	701 806	0.00-	55	16.72-	46					GLOB UNIF		WV 0 3		
1585	LOAD Y	701 806	0.00-	46	16.72-	42					GLOB UNIF		WV 0 3		
1586	LOAD Z	701 806	0.00-	27	16.72-	24					GLOB UNIF		WV 0 3		
1587	LOAD X	701 806	16.72-	48	16.72-	41					GLOB UNIF		WV 0 3		
1588	LOAD Y	701 806	16.72-	42	16.72-	37					GLOB UNIF		WV 0 3		
1589	LOAD Z	701 806	16.72-	24	16.72-	21					GLOB UNIF		WV 0 3		
1590	LOAD X	701 806	33.44-	41	16.72-	35					GLOB UNIF		WV 0 3		
1591	LOAD Y	701 806	33.44-	37	16.72-	32					GLOB UNIF		WV 0 3		
1592	LOAD Z	701 806	33.44-	21	16.72-	18					GLOB UNIF		WV 0 3		
1593	LOAD X	703 801	0.00-	17	16.72-	16					GLOB UNIF		WV 0 3		
1594	LOAD Y	703 801	0.00-	71	16.72-	64					GLOB UNIF		WV 0 3		
1595	LOAD Z	703 801	0.00-	20	16.72-	19					GLOB UNIF		WV 0 3		
1596	LOAD X	703 801	16.72-	16	16.72-	15					GLOB UNIF		WV 0 3		
1597	LOAD Y	703 801	16.72-	64	16.72-	57					GLOB UNIF		WV 0 3		
1598	LOAD Z	703 801	16.72-	19	16.72-	18					GLOB UNIF		WV 0 3		
1599	LOAD X	703 801	33.44-	15	16.72-	14					GLOB UNIF		WV 0 3		
1600	LOAD Y	703 801	33.44-	57	16.72-	51					GLOB UNIF		WV 0 3		
1601	LOAD Z	703 801	33.44-	18	16.72-	16					GLOB UNIF		WV 0 3		
1602	LOAD X	706 803	0.00-	08	16.72-	07					GLOB UNIF		WV 0 3		
1603	LOAD Y	706 803	0.00-	20	16.72-	18					GLOB UNIF		WV 0 3		
1604	LOAD Z	706 803	0.00	31	16.72	29					GLOB UNIF		WV 0 3		
1605	LOAD X	706 803	16.72-	07	16.72-	06					GLOB UNIF		WV 0 3		
1606	LOAD Y	706 803	16.72-	18	16.72-	16					GLOB UNIF		WV 0 3		
1607	LOAD Z	706 803	16.72	29	16.72	26					GLOB UNIF		WV 0 3		
1608	LOAD X	706 803	33.44-	06	16.72-	06					GLOB UNIF		WV 0 3		
1609	LOAD Y	706 803	33.44-	16	16.72-	14					GLOB UNIF		WV -0 3		
1610	LOAD Z	706 803	33.44	26	16.72	23					GLOB UNIF		WV 0 3		
1611	LOAD Y	801 802	0.00-	38	22.79-	35					GLOB UNIF		WV 0 3		
1612	LOAD Z	801 802	0.00-	02	22.79-	02					GLOB UNIF		WV 0 3		
1613	LOAD Y	802 803	0.00-	35	22.79-	33					GLOB UNIF		WV 0 3		
1614	LOAD Z	802 803	0.00-	02	22.79-	1					GLOB UNIF		WV 0 3		
1615	LOAD Z	803 805	0.00-	1	11.40-	02					GLOB UNIF		WV 0 3		
1616	LOAD Z	803 805	11.40-	02	11.40-	02					GLOB UNIF		WV 0 3		
1617	LOAD Z	805 806	0.00-	02	22.80-	03					GLOB UNIF		WV 0 3		

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1618	LOAD X	801 804	0.00-		31	22.79-	31				GLOB UNIF		WV 0 3		
1619	LOAD Y	801 804	0.00-		18	22.79-	18				GLOB UNIF		WV 0 3		
1620	LOAD Z	801 804	0.00-		02	22.79-	02				GLOB UNIF		WV 0 3		
1621	LOAD X	804 806	0.00-		31	22.80-	30				GLOB UNIF		WV 0 3		
1622	LOAD Y	804 806	0.00-		18	22.80-	17				GLOB UNIF		WV 0 3		
1623	LOAD Z	804 806	0.00-		02	22.80-	03				GLOB UNIF		WV 0 3		
1624	LOAD Z	802 804	0.00-		1	7.60-	1				GLOB UNIF		WV 0 3		
1625	LOAD Z	802 804	7.60-		1	7.60-	1				GLOB UNIF		WV 0 3		
1626	LOAD Z	802 804	15.20-		1	7.60-	1				GLOB UNIF		WV 0 3		
1627	LOAD X	802 805	0.00-		24	22.80-	24				GLOB UNIF		WV 0 3		
1628	LOAD Y	802 805	0.00-		14	22.80-	14				GLOB UNIF		WV 0 3		
1629	LOAD Z	802 805	0.00-		1	22.80-	1				GLOB UNIF		WV 0 3		
1630	LOAD Y	804 805	0.00-		28	22.80-	28				GLOB UNIF		WV 0 3		
1631	LOAD Z	804 805	0.00-		1	22.80-	1				GLOB UNIF		WV 0 3		
1632	LOAD X	801 903	0.00-		04	19.87-	04				GLOB UNIF		WV 0 3		
1633	LOAD Y	801 903	0.00-		48	19.87-	42				GLOB UNIF		WV 0 3		
1634	LOAD Z	801 903	0.00		10	19.87	09				GLOB UNIF		WV 0 3		
1635	LOAD X	801 903	19.87-		04	19.87-	04				GLOB UNIF		WV 0 3		
1636	LOAD Y	801 903	19.87-		42	19.87-	37				GLOB UNIF		WV 0 3		
1637	LOAD Z	801 903	19.87		09	19.87	09				GLOB UNIF		WV 0 3		
1638	LOAD X	801 903	39.73-		04	19.87-	03				GLOB UNIF		WV 0 3		
1639	LOAD Y	801 903	39.73-		37	19.87-	33				GLOB UNIF		WV 0 3		
1640	LOAD Z	801 903	39.73		09	19.87	08				GLOB UNIF		WV 0 3		
1641	LOAD X	803 906	0.00-		10	19.87-	10				GLOB UNIF		WV 0 3		
1642	LOAD Y	803 906	0.00-		14	19.87-	14				GLOB UNIF		WV 0 3		
1643	LOAD Z	803 906	0.00-		27	19.87-	26				GLOB UNIF		WV 0 3		
1644	LOAD X	803 906	19.87-		10	19.87-	09				GLOB UNIF		WV 0 3		
1645	LOAD Y	803 906	19.87-		14	19.87-	12				GLOB UNIF		WV 0 3		
1646	LOAD Z	803 906	19.87-		26	19.87-	23				GLOB UNIF		WV 0 3		
1647	LOAD X	803 906	39.73-		09	19.87-	07				GLOB UNIF		WV 0 3		
1648	LOAD Y	803 906	39.73-		12	19.87-	10				GLOB UNIF		WV 0 3		
1649	LOAD Z	803 906	39.73-		23	19.87-	19				GLOB UNIF		WV 0 3		
1650	LOAD X	806 901	0.00-		39	19.87-	35				GLOB UNIF		WV 0 3		
1651	LOAD Y	806 901	0.00-		30	19.87-	28				GLOB UNIF		WV 0 3		
1652	LOAD Z	806 901	0.00		07	19.87	06				GLOB UNIF		WV 0 3		
1653	LOAD X	806 901	19.87-		35	19.87-	31				GLOB UNIF		WV 0 3		
1654	LOAD Y	806 901	19.87-		28	19.87-	25				GLOB UNIF		WV 0 3		
1655	LOAD Z	806 901	19.87		06	19.87	06				GLOB UNIF		WV 0 3		
1656	LOAD X	806 901	39.74-		31	19.87-	28				GLOB UNIF		WV 0 3		
1657	LOAD Y	806 901	39.74-		25	19.87-	23				GLOB UNIF		WV 0 3		
1658	LOAD Z	806 901	39.74		06	19.87	06				GLOB UNIF		WV 0 3		
1659	LOAD Y	901 902	0.00-		29	27.42-	28				GLOB UNIF		WV 0 3		
1660	LOAD Z	901 902	0.00-		02	27.42-	1				GLOB UNIF		WV 0 3		
1661	LOAD Y	902 903	0.00-		28	27.42-	27				GLOB UNIF		WV 0 3		
1662	LOAD Z	902 903	0.00-		1	27.42-	1				GLOB UNIF		WV 0 3		
1663	LOAD Z	903 905	0.00-		1	27.41-	02				GLOB UNIF		WV 0 3		
1664	LOAD Z	905 906	0.00-		02	27.42-	02				GLOB UNIF		WV 0 3		
1665	LOAD X	901 904	0.00-		25	27.41-	25				GLOB UNIF		WV 0 3		
1666	LOAD Y	901 904	0.00-		14	27.41-	14				GLOB UNIF		WV 0 3		

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1667	LOAD Z	901 904	0.00-		02	27.41-	02				GLOB	UNIF	WV	0	3
1668	LOAD X	904 906	0.00-		25	27.42-	24				GLOB	UNIF	WV	0	3
1669	LOAD Y	904 906	0.00-		14	27.42-	14				GLOB	UNIF	WV	0	3
1670	LOAD Z	904 906	0.00-		02	27.42-	02				GLOB	UNIF	WV	0	3
1671	LOAD Z	902 904	0.00			27.41-	1				GLOB	UNIF	WV	0	3
1672	LOAD X	902 905	0.00-		17	27.41-	17				GLOB	UNIF	WV	0	3
1673	LOAD Y	902 905	0.00-		10	27.41-	10				GLOB	UNIF	WV	0	3
1674	LOAD Y	904 905	0.00-		20	27.42-	20				GLOB	UNIF	WV	0	3
1675	LOAD Z	904 905	0.00-		1	27.42					GLOB	UNIF	WV	0	3
1676	LOAD X	9011002	0.00-		08	14.08-	08				GLOB	UNIF	WV	0	3
1677	LOAD Y	9011002	0.00-		31	14.08-	28				GLOB	UNIF	WV	0	3
1678	LOAD Z	9011002	0.00		10	14.08	09				GLOB	UNIF	WV	0	3
1679	LOAD X	9011002	14.08-		08	14.08-	08				GLOB	UNIF	WV	0	3
1680	LOAD Y	9011002	14.08-		28	14.08-	26				GLOB	UNIF	WV	0	3
1681	LOAD Z	9011002	14.08		09	14.08	09				GLOB	UNIF	WV	0	3
1682	LOAD X	9011002	28.15-		08	14.08-	07				GLOB	UNIF	WV	0	3
1683	LOAD Y	9011002	28.15-		28	14.08-	24				GLOB	UNIF	WV	0	3
1684	LOAD Z	9011002	28.15		09	14.08	08				GLOB	UNIF	WV	0	3
1685	LOAD X	9031002	0.00-		12	21.11-	11				GLOB	UNIF	WV	0	3
1686	LOAD Y	9031002	0.00-		31	21.11-	28				GLOB	UNIF	WV	0	3
1687	LOAD Z	9031002	0.00-		08	21.11-	07				GLOB	UNIF	WV	0	3
1688	LOAD X	9031002	21.11-		11	21.11-	99				GLOB	UNIF	WV	0	3
1689	LOAD Y	9031002	21.11-		28	21.11-	26				GLOB	UNIF	WV	0	3
1690	LOAD Z	9031002	21.11-		07	21.11-	06				GLOB	UNIF	WV	0	3
1691	LOAD X	9031005	0.00-		12	21.11-	11				GLOB	UNIF	WV	0	3
1692	LOAD Y	9031005	0.00-		17	21.11-	16				GLOB	UNIF	WV	0	3
1693	LOAD Z	9031005	0.00-		16	21.11-	16				GLOB	UNIF	WV	0	3
1694	LOAD X	9031005	21.11-		11	21.11-	10				GLOB	UNIF	WV	0	3
1695	LOAD Y	9031005	21.11-		16	21.11-	14				GLOB	UNIF	WV	0	3
1696	LOAD Z	9031005	21.11-		16	21.11-	15				GLOB	UNIF	WV	0	3
1697	LOAD X	9061005	0.00-		08	14.07-	08				GLOB	UNIF	WV	0	3
1698	LOAD Y	9061005	0.00-		17	14.07-	17				GLOB	UNIF	WV	0	3
1699	LOAD Z	9061005	0.00		16	14.07	16				GLOB	UNIF	WV	0	3
1700	LOAD X	9061005	14.07-		08	14.07-	08				GLOB	UNIF	WV	0	3
1701	LOAD Y	9061005	14.07-		17	14.07-	16				GLOB	UNIF	WV	0	3
1702	LOAD Z	9061005	14.07		16	14.07	15				GLOB	UNIF	WV	0	3
1703	LOAD X	9061005	28.15-		08	14.07-	07				GLOB	UNIF	WV	0	3
1704	LOAD Y	9061005	28.15-		16	14.07-	15				GLOB	UNIF	WV	0	3
1705	LOAD Z	9061005	28.15		15	14.07	15				GLOB	UNIF	WV	0	3
1706	LOAD X	9011004	0.00-		22	14.08-	20				GLOB	UNIF	WV	0	3
1707	LOAD Y	9011004	0.00-		25	14.08-	22				GLOB	UNIF	WV	0	3
1708	LOAD Z	9011004	0.00-		11	14.08-	10				GLOB	UNIF	WV	0	3
1709	LOAD X	9011004	14.08-		20	14.08-	19				GLOB	UNIF	WV	0	3
1710	LOAD Y	9011004	14.08-		22	14.08-	20				GLOB	UNIF	WV	0	3
1711	LOAD Z	9011004	14.08-		10	14.08-	09				GLOB	UNIF	WV	0	3
1712	LOAD X	9011004	28.15-		19	14.08-	18				GLOB	UNIF	WV	0	3
1713	LOAD Y	9011004	28.15-		20	14.08-	19				GLOB	UNIF	WV	0	3
1714	LOAD Z	9011004	28.15-		09	14.08-	08				GLOB	UNIF	WV	0	3
1715	LOAD X	9061004	0.00-		22	14.07-	20				GLOB	UNIF	WV	0	3

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1716	LOAD Y	90610004	0.00-	24	14.07-	23					GLOB UNIF		WV 0 3		
1717	LOAD Z	90610004	0.00	06	14.07	06					GLOB UNIF		WV 0 3		
1718	LOAD X	90610004	14.07-	20	14.07-	19					GLOB UNIF		WV 0 3		
1719	LOAD Y	90610004	14.07-	23	14.07-	22					GLOB UNIF		WV 0 3		
1720	LOAD Z	90610004	14.07	06	14.07	06					GLOB UNIF		WV 0 3		
1721	LOAD X	90610004	28.15-	19	14.07-	18					GLOB UNIF		WV 0 3		
1722	LOAD Y	90610004	28.15-	22	14.07-	21					GLOB UNIF		WV 0 3		
1723	LOAD Z	90610004	28.15	06	14.07	06					GLOB UNIF		WV 0 3		
1724	LOAD Y	10011002	0.00-	28	32.04-	26					GLOB UNIF		WV 0 3		
1725	LOAD Y	10021003	0.00-	26	32.04-	27					GLOB UNIF		WV 0 3		
1726	LOAD X	10011004	0.00-	25	32.04-	24					GLOB UNIF		WV 0 3		
1727	LOAD Y	10011004	0.00-	14	32.04-	14					GLOB UNIF		WV 0 3		
1728	LOAD X	10041006	0.00-	24	32.04-	22					GLOB UNIF		WV 0 3		
1729	LOAD Y	10041006	0.00-	14	32.04-	13					GLOB UNIF		WV 0 3		
1730	LOAD X	10021005	0.00-	17	32.04-	18					GLOB UNIF		WV 0 3		
1731	LOAD Y	10021005	0.00-	10	32.04-	10					GLOB UNIF		WV 0 3		
1732	LOAD Y	10041005	0.00-	20	32.04-	20					GLOB UNIF		WV 0 3		
1733	LOAD X	201 301	10.40-	45	1.53-	58					GLOB UNIF		WV 0 3		
1734	LOAD Y	201 301	10.40-	75	1.53-	97					GLOB UNIF		WV 0 3		
1735	LOAD X	201 301	11.93-	56	1.53-	69					GLOB UNIF		WV 0 3		
1736	LOAD Y	201 301	11.93-	97	1.53-	119					GLOB UNIF		WV 0 3		
1737	LOAD X	201 301	13.47-	69	1.53-	81					GLOB UNIF		WV 0 3		
1738	LOAD Y	201 301	13.47-	119	1.53-	141					GLOB UNIF		WV 0 3		
1739	LOAD X	203 303	14.43-	57	.57-	61					GLOB UNIF		WV 0 3		
1740	LOAD Y	203 303	14.43-	99	.57-	106					GLOB UNIF		WV 0 3		
1741	LOAD X	206 306	8.08-	45	2.31-	58					GLOB UNIF		WV 0 3		
1742	LOAD Y	206 306	8.08-	78	2.31-	100					GLOB UNIF		WV 0 3		
1743	LOAD X	206 306	10.39-	56	2.31-	70					GLOB UNIF		WV 0 3		
1744	LOAD Y	206 306	10.39-	100	2.31-	122					GLOB UNIF		WV 0 3		
1745	LOAD X	206 306	12.69-	70	2.31-	83					GLOB UNIF		WV 0 3		
1746	LOAD Y	206 306	12.69-	122	2.31-	144					GLOB UNIF		WV 0 3		
1747	LOAD X	301 401	0.00-	81	14.25-	105					GLOB UNIF		WV 0 3		
1748	LOAD Y	301 401	0.00-	141	14.25-	182					GLOB UNIF		WV 0 3		
1749	LOAD X	301 401	14.25-	105	14.25-	75					GLOB UNIF		WV 0 3		
1750	LOAD Y	301 401	14.25-	182	14.25-	127					GLOB UNIF		WV 0 3		
1751	LOAD X	303 403	0.00-	81	14.25-	98					GLOB UNIF		WV 0 3		
1752	LOAD Y	303 403	0.00-	106	14.25-	170					GLOB UNIF		WV 0 3		
1753	LOAD X	303 403	14.25-	98	14.25-	72					GLOB UNIF		WV 0 3		
1754	LOAD Y	303 403	14.25-	170	14.25-	125					GLOB UNIF		WV 0 3		
1755	LOAD X	306 406	0.00-	83	14.25-	105					GLOB UNIF		WV 0 3		
1756	LOAD Y	306 406	0.00-	144	14.25-	181					GLOB UNIF		WV 0 3		
1757	LOAD X	306 406	14.25-	105	14.25-	71					GLOB UNIF		WV 0 3		
1758	LOAD Y	306 406	14.25-	181	14.25-	122					GLOB UNIF		WV 0 3		
1759	LOAD X	401 501	0.00-	132	4.56-	120					GLOB UNIF		WV 0 3		
1760	LOAD Y	401 501	0.00-	200	4.56-	186					GLOB UNIF		WV 0 3		
1761	LOAD Z	401 501	0.00-	02	4.56-	02					GLOB UNIF		WV 0 3		
1762	LOAD X	403 503	0.00-	113	4.56-	102					GLOB UNIF		WV 0 3		
1763	LOAD Y	403 503	0.00-	210	4.56-	190					GLOB UNIF		WV 0 3		
1764	LOAD Z	403 503	0.00	34	4.56	31					GLOB UNIF		WV 0 3		

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1765	LOAD X	406 506	0.00-	113	4.56-	101					GLOB UNIF		WV 0 3		
1766	LOAD Y	406 506	0.00-	203	4.56-	183					GLOB UNIF		WV 0 3		
1767	LOAD Z	406 506	0.00-	34	4.56-	31					GLOB UNIF		WV 0 3		
1768	LOAD X	501 601	0.00-	115	6.08-	107					GLOB UNIF		WV 0 3		
1769	LOAD Y	501 601	0.00-	184	6.08-	165					GLOB UNIF		WV 0 3		
1770	LOAD Z	501 601	0.00-	02	6.08-	02					GLOB UNIF		WV 0 3		
1771	LOAD X	503 603	0.00-	101	6.08-	91					GLOB UNIF		WV 0 3		
1772	LOAD Y	503 603	0.00-	188	6.08-	170					GLOB UNIF		WV 0 3		
1773	LOAD Z	503 603	0.00	30	6.08	27					GLOB UNIF		WV 0 3		
1774	LOAD X	506 606	0.00-	100	3.04-	95					GLOB UNIF		WV 0 3		
1775	LOAD Y	506 606	0.00-	181	3.04-	171					GLOB UNIF		WV 0 3		
1776	LOAD Z	506 606	0.00-	30	3.04-	29					GLOB UNIF		WV 0 3		
1777	LOAD X	506 606	3.04-	95	3.04-	89					GLOB UNIF		WV 0 3		
1778	LOAD Y	506 606	3.04-	171	3.04-	162					GLOB UNIF		WV 0 3		
1779	LOAD Z	506 606	3.04-	29	3.04-	27					GLOB UNIF		WV 0 3		
1780	LOAD X	601 621	0.00-	107	6.08-	97					GLOB UNIF		WV 0 3		
1781	LOAD Y	601 621	0.00-	165	6.08-	150					GLOB UNIF		WV 0 3		
1782	LOAD Z	601 621	0.00-	02	6.08-	02					GLOB UNIF		WV 0 3		
1783	LOAD X	603 623	0.00-	91	6.08-	82					GLOB UNIF		WV 0 3		
1784	LOAD Y	603 623	0.00-	170	6.08-	155					GLOB UNIF		WV 0 3		
1785	LOAD Z	603 623	0.00	27	6.08	25					GLOB UNIF		WV 0 3		
1786	LOAD X	606 626	0.00-	89	6.08-	80					GLOB UNIF		WV 0 3		
1787	LOAD Y	606 626	0.00-	162	6.08-	145					GLOB UNIF		WV 0 3		
1788	LOAD Z	606 626	0.00-	27	6.08-	24					GLOB UNIF		WV 0 3		
1789	LOAD X	621 651	0.00-	152	6.08-	138					GLOB UNIF		WV 0 3		
1790	LOAD Y	621 651	0.00-	223	6.08-	202					GLOB UNIF		WV 0 3		
1791	LOAD Z	621 651	0.00-	03	6.08-	03					GLOB UNIF		WV 0 3		
1792	LOAD X	623 653	0.00-	127	6.08-	115					GLOB UNIF		WV 0 3		
1793	LOAD Y	623 653	0.00-	242	6.08-	220					GLOB UNIF		WV 0 3		
1794	LOAD Z	623 653	0.00	38	6.08	35					GLOB UNIF		WV 0 3		
1795	LOAD X	626 656	0.00-	114	3.04-	108					GLOB UNIF		WV 0 3		
1796	LOAD Y	626 656	0.00-	214	3.04-	202					GLOB UNIF		WV 0 3		
1797	LOAD Z	626 656	0.00-	36	3.04-	34					GLOB UNIF		WV 0 3		
1798	LOAD X	626 656	3.04-	108	3.04-	102					GLOB UNIF		WV 0 3		
1799	LOAD Y	626 656	3.04-	202	3.04-	192					GLOB UNIF		WV 0 3		
1800	LOAD Z	626 656	3.04-	34	3.04-	32					GLOB UNIF		WV 0 3		
1801	LOAD X	651 701	0.00-	138	3.55-	131					GLOB UNIF		WV 0 3		
1802	LOAD Y	651 701	0.00-	202	3.55-	192					GLOB UNIF		WV 0 3		
1803	LOAD Z	651 701	0.00-	03	3.55-	03					GLOB UNIF		WV 0 3		
1804	LOAD X	651 701	3.55-	131	3.55-	124					GLOB UNIF		WV 0 3		
1805	LOAD Y	651 701	3.55-	192	3.55-	181					GLOB UNIF		WV 0 3		
1806	LOAD Z	651 701	3.55-	03	3.55-	03					GLOB UNIF		WV 0 3		
1807	LOAD X	653 703	0.00-	115	7.10-	104					GLOB UNIF		WV 0 3		
1808	LOAD Y	653 703	0.00-	220	7.10-	200					GLOB UNIF		WV 0 3		
1809	LOAD Z	653 703	0.00	35	7.10	32					GLOB UNIF		WV 0 3		
1810	LOAD X	656 706	0.00-	102	3.55-	96					GLOB UNIF		WV 0 3		
1811	LOAD Y	656 706	0.00-	192	3.55-	181					GLOB UNIF		WV 0 3		
1812	LOAD Z	656 706	0.00-	32	3.55-	30					GLOB UNIF		WV 0 3		
1813	LOAD X	656 706	3.55-	96	3.55-	90					GLOB UNIF		WV 0 3		

STRAN INPUT DATA

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                                1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    1814  LOAD Y  656  706    3.55-  181    3.55-  170                    GLOB UNIF     WV 0 3
    1815  LOAD Z  656  706    3.55-   30    3.55-   28                    GLOB UNIF     WV 0 3
    1816  LOAD X  701  801    0.00-  117    9.46-  102                    GLOB UNIF     WV 0 3
    1817  LOAD Y  701  801    0.00-  172    9.46-  150                    GLOB UNIF     WV 0 3
    1818  LOAD Z  701  801    0.00-   02    9.46-   02                    GLOB UNIF     WV 0 3
    1819  LOAD X  701  801    9.46-  102    9.46-   90                    GLOB UNIF     WV 0 3
    1820  LOAD Y  701  801    9.46-  150    9.46-  132                    GLOB UNIF     WV 0 3
    1821  LOAD Z  701  801    9.46-   02    9.46-   02                    GLOB UNIF     WV 0 3
    1822  LOAD X  701  801   10.92-   90    9.46-   79                    GLOB UNIF     WV 0 3
    1823  LOAD Y  701  801   10.92-  132    9.46-  117                    GLOB UNIF     WV 0 3
    1824  LOAD Z  701  801   10.92-   02    9.46-   02                    GLOB UNIF     WV 0 3
    1825  LOAD X  703  803    0.00-   98    9.46-   86                    GLOB UNIF     WV 0 3
    1826  LOAD Y  703  803    0.00-  187    9.46-  165                    GLOB UNIF     WV 0 3
    1827  LOAD Z  703  803    0.00    30    9.45    26                    GLOB UNIF     WV 0 3
    1828  LOAD X  703  803    9.46-   88    9.46-   77                    GLOB UNIF     WV 0 3
    1829  LOAD Y  703  803    9.46-  165    9.46-  147                    GLOB UNIF     WV 0 3
    1830  LOAD Z  703  803    9.45    26    9.46    23                    GLOB UNIF     WV 0 3
    1831  LOAD X  703  803   10.92-   77    9.46-   69                    GLOB UNIF     WV 0 3
    1832  LOAD Y  703  803   10.92-  147    9.46-  132                    GLOB UNIF     WV 0 3
    1833  LOAD Z  703  803   10.92    23    9.45    21                    GLOB UNIF     WV 0 3
    1834  LOAD X  706  806    0.00-   87    9.46-   74                    GLOB UNIF     WV 0 3
    1835  LOAD Y  706  806    0.00-  162    9.46-  139                    GLOB UNIF     WV 0 3
    1836  LOAD Z  706  806    0.00-   27    9.46-   23                    GLOB UNIF     WV 0 3
    1837  LOAD X  706  806    9.46-   74    9.46-   63                    GLOB UNIF     WV 0 3
    1838  LOAD Y  706  806    9.46-  139    9.46-  119                    GLOB UNIF     WV 0 3
    1839  LOAD Z  706  806    9.46-   23    9.46-   20                    GLOB UNIF     WV 0 3
    1840  LOAD X  706  806   10.92-   63    9.46-   55                    GLOB UNIF     WV 0 3
    1841  LOAD Y  706  806   10.92-  119    9.46-  103                    GLOB UNIF     WV 0 3
    1842  LOAD Z  706  806   10.92-   20    9.46-   17                    GLOB UNIF     WV 0 3
    1843  LOAD X  801  901    0.00-   79   10.81-   69                    GLOB UNIF     WV 0 3
    1844  LOAD Y  801  901    0.00-  117   10.81-  104                    GLOB UNIF     WV 0 3
    1845  LOAD Z  801  901    0.00-   02   10.81-    1                    GLOB UNIF     WV 0 3
    1846  LOAD X  801  901   10.81-   69   10.81-   61                    GLOB UNIF     WV 0 3
    1847  LOAD Y  801  901   10.81-  104   10.81-   93                    GLOB UNIF     WV 0 3
    1848  LOAD Z  801  901   10.81-    1   10.81-    1                    GLOB UNIF     WV 0 3
    1849  LOAD X  801  901   21.63-   61   10.81-   55                    GLOB UNIF     WV 0 3
    1850  LOAD Y  801  901   21.63-   93   10.81-   85                    GLOB UNIF     WV 0 3
    1851  LOAD Z  801  901   21.63-    1   10.81-    1                    GLOB UNIF     WV 0 3
    1852  LOAD X  803  903    0.00-   69   10.81-   63                    GLOB UNIF     WV 0 3
    1853  LOAD Y  803  903    0.00-  132   10.81-  119                    GLOB UNIF     WV 0 3
    1854  LOAD Z  803  903    0.00    21   10.81    19                    GLOB UNIF     WV 0 3
    1855  LOAD X  803  903   10.81-   63   10.81-   57                    GLOB UNIF     WV 0 3
    1856  LOAD Y  803  903   10.81-  119   10.81-  108                    GLOB UNIF     WV 0 3
    1857  LOAD Z  803  903   10.81    19   10.81    17                    GLOB UNIF     WV 0 3
    1858  LOAD X  803  903   21.63-   57   10.81-   54                    GLOB UNIF     WV 0 3
    1859  LOAD Y  803  903   21.63-  106   10.81-  100                    GLOB UNIF     WV 0 3
    1860  LOAD Z  803  903   21.63    17   10.81    16                    GLOB UNIF     WV 0 3
    1861  LOAD X  806  906    0.00-   55   10.81-   47                    GLOB UNIF     WV 0 3
    1862  LOAD Y  806  906    0.00-  103   10.81-   88                    GLOB UNIF     WV 0 3
```

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                                  1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    1883 LOAD Z  806 906    0.00-   17  10.81-   15                        GLOB UNIF      WV 0 3
    1884 LOAD X  806 906   10.81-   47  10.81-   41                        GLOB UNIF      WV 0 3
    1885 LOAD Y  806 906   10.81-   80  10.81-   76                        GLOB UNIF      WV 0 3
    1886 LOAD Z  806 906   10.81-   15  10.81-   13                        GLOB UNIF      WV 0 3
    1887 LOAD X  806 906   21.63-   41  10.81-   36                        GLOB UNIF      WV 0 3
    1888 LOAD Y  806 906   21.63-   76  10.81-   65                        GLOB UNIF      WV 0 3
    1889 LOAD Z  806 906   21.63-   13  10.81-   11                        GLOB UNIF      WV 0 3
    1870 LOAD X 9011001     0.00-   55  16.22-   47                        GLOB UNIF      WV 0 3
    1871 LOAD Y 9011001     0.00-   85  16.22-   76                        GLOB UNIF      WV 0 3
    1872 LOAD Z 9011001     0.00-    1  16.22                             GLOB UNIF      WV 0 3
    1873 LOAD X 9011001    16.22-   47  16.22-   41                        GLOB UNIF      WV 0 3
    1874 LOAD Y 9011001    16.22-   76  16.22-   71                        GLOB UNIF      WV 0 3
    1875 LOAD X 9031003     0.00-   54  16.22-   50                        GLOB UNIF      WV 0 3
    1876 LOAD Y 9031003     0.00-  100  16.22-   91                        GLOB UNIF      WV 0 3
    1877 LOAD Z 9031003     0.00    16  16.22    15                        GLOB UNIF      WV 0 3
    1878 LOAD X 9031003    16.22-   50  16.22-   49                        GLOB UNIF      WV 0 3
    1879 LOAD Y 9031003    16.22-   91  16.22-   87                        GLOB UNIF      WV 0 3
    1880 LOAD Z 9031003    16.22    15  16.22    14                        GLOB UNIF      WV 0 3
    1881 LOAD X 9061006     0.00-   56  16.22-   30                        GLOB UNIF      WV 0 3
    1882 LOAD Y 9061006     0.00-   65  16.22-   53                        GLOB UNIF      WV 0 3
    1883 LOAD Z 9061006     0.00-   11  16.22-   09                        GLOB UNIF      WV 0 3
    1884 LOAD X 9061006    16.22-   30  16.22-   26                        GLOB UNIF      WV 0 3
    1885 LOAD Y 9061006    16.22-   53  16.22-   45                        GLOB UNIF      WV 0 3
    1886 LOAD Z 9061006    16.22-   09  16.22-   07                        GLOB UNIF      WV 0 3
    1887 LOADCM  4
    1888 LOAD Y  510 710    7.59-  271                                      GLOB CONC      WN 0 4
    1889 LOAD X  510 710                                  7.59 212797 GLOB MOMT      WN 0 4
    1890 LOAD Y  511 711    7.59-  271                                      GLOB CONC      WN 0 4
    1891 LOAD X  511 711                                  7.59 212797 GLOB MOMT      WN 0 4
    1892 LOAD Y  512 712    7.59-  271                                      GLOB CONC      WN 0 4
    1893 LOAD X  512 712                                  7.59 212797 GLOB MOMT      WN 0 4
    1894 LOAD Y  510 710    7.59-  275                                      GLOB CONC      WN 0 4
    1895 LOAD X  510 710                                  7.59 197312 GLOB MOMT      WN 0 4
    1896 LOAD Y  511 711    7.59-  275                                      GLOB CONC      WN 0 4
    1897 LOAD X  511 711                                  7.59 197312 GLOB MOMT      WN 0 4
    1898 LOAD Y  512 712    7.59-  275                                      GLOB CONC      WN 0 4
    1899 LOAD X  512 712                                  7.59 197312 GLOB MOMT      WN 0 4
    1900 LOAD X  201 303   22.07    07   3.53    07                        GLOB UNIF      WV 0 4
    1901 LOAD Y  201 303   22.07-   86   3.53-   87                        GLOB UNIF      WV 0 4
    1902 LOAD Z  201 303   22.07-   13   3.53-   13                        GLOB UNIF      WV 0 4
    1903 LOAD X  201 303   25.60    07   3.53    07                        GLOB UNIF      WV 0 4
    1904 LOAD Y  201 303   25.60-   87   3.53-  107                        GLOB UNIF      WV 0 4
    1905 LOAD Z  201 303   25.60-   13   3.53-   13                        GLOB UNIF      WV 0 4
    1906 LOAD X  201 303   29.12    07   3.53    07                        GLOB UNIF      WV 0 4
    1907 LOAD Y  201 303   29.12-  107   3.53-  126                        GLOB UNIF      WV 0 4
    1908 LOAD Z  201 303   29.12-   13   3.53-   14                        GLOB UNIF      WV 0 4
    1909 LOAD X  203 306   21.09    21   3.65    24                        GLOB UNIF      WV 0 4
    1910 LOAD Y  203 306   21.09-   41   3.65-   44                        GLOB UNIF      WV 0 4
    1911 LOAD Z  203 306   21.09-   48   3.65-   51                        GLOB UNIF      WV 0 4
```

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1912	LOAD X	203 306	25.34		24	3.65	27				GLOB UNIF			WV 0 4	
1913	LOAD Y	203 306	25.34-		44	3.65-	49				GLOB UNIF			WV 0 4	
1914	LOAD Z	203 306	25.34-		51	3.65-	55				GLOB UNIF			WV 0 4	
1915	LOAD X	203 506	28.99		27	3.65	32				GLOB UNIF			WV 0 4	
1916	LOAD Y	203 506	28.99-		49	3.65-	54				GLOB UNIF			WV 0 4	
1917	LOAD Z	203 306	28.99-		55	3.65-	60				GLOB UNIF			WV 0 4	
1918	LOAD X	206 301	21.88-		53	3.59-	59				GLOB UNIF			WV 0 4	
1919	LOAD Y	206 301	21.88-		33	3.59-	42				GLOB UNIF			WV 0 4	
1920	LOAD Z	206 301	21.88		04	3.59	14				GLOB UNIF			WV 0 4	
1921	LOAD X	206 501	25.47-		59	3.59-	68				GLOB UNIF			WV 0 4	
1922	LOAD Y	206 501	25.47-		42	3.59-	54				GLOB UNIF			WV 0 4	
1923	LOAD Z	206 501	25.47		14	3.59	25				GLOB UNIF			WV 0 4	
1924	LOAD X	206 301	29.06-		68	3.59-	77				GLOB UNIF			WV 0 4	
1925	LOAD Y	206 301	29.06-		54	3.59-	66				GLOB UNIF			WV 0 4	
1926	LOAD Z	206 301	29.06		25	3.59	37				GLOB UNIF			WV 0 4	
1927	LOAD X	301 403	0.00		09	40.66	08				GLOB UNIF			WV 0 4	
1928	LOAD Y	301 403	0.00-		126	40.66-	115				GLOB UNIF			WV 0 4	
1929	LOAD Z	301 403	0.00-		09	40.66-	08				GLOB UNIF			WV 0 4	
1930	LOAD Y	301 303	0.00-		105	29.00-	105				GLOB UNIF			WV 0 4	
1931	LOAD Z	301 303	0.00-		11	29.00-	11				GLOB UNIF			WV 0 4	
1932	LOAD X	303 305	0.00		46	29.00	40				GLOB UNIF			WV 0 4	
1933	LOAD Y	303 306	0.00-		26	29.00-	23				GLOB UNIF			WV 0 4	
1934	LOAD Z	303 306	0.00-		11	29.00-	19				GLOB UNIF			WV 0 4	
1935	LOAD X	301 306	0.00-		46	29.00-	40				GLOB UNIF			WV 0 4	
1936	LOAD Y	301 306	0.00-		26	29.00-	23				GLOB UNIF			WV 0 4	
1937	LOAD Z	301 306	0.00-		11	29.00-	19				GLOB UNIF			WV 0 4	
1938	LOAD Y	501 502	0.00-		68	15.15-	66				GLOB UNIF			WV 0 4	
1939	LOAD Z	501 502	0.00-		07	15.15-	07				GLOB UNIF			WV 0 4	
1940	LOAD Y	502 503	0.00-		66	15.15-	66				GLOB UNIF			WV 0 4	
1941	LOAD Z	502 503	0.00-		07	15.15-	07				GLOB UNIF			WV 0 4	
1942	LOAD X	503 505	0.00		29	15.15	29				GLOB UNIF			WV 0 4	
1943	LOAD Y	503 505	0.00-		17	15.15-	17				GLOB UNIF			WV 0 4	
1944	LOAD Z	503 505	0.00-		07	15.15-	08				GLOB UNIF			WV 0 4	
1945	LOAD X	505 506	0.00		29	15.15	27				GLOB UNIF			WV 0 4	
1946	LOAD Y	505 506	0.00-		17	15.15-	16				GLOB UNIF			WV 0 4	
1947	LOAD Z	505 506	0.00-		08	15.15-	09				GLOB UNIF			WV 0 4	
1948	LOAD X	501 504	0.00-		29	15.15-	29				GLOB UNIF			WV 0 4	
1949	LOAD Y	501 504	0.00-		17	15.15-	17				GLOB UNIF			WV 0 4	
1950	LOAD Z	501 504	0.00-		07	15.15-	08				GLOB UNIF			WV 0 4	
1951	LOAD X	504 506	0.00-		29	15.15-	27				GLOB UNIF			WV 0 4	
1952	LOAD Y	504 506	0.00-		17	15.15-	16				GLOB UNIF			WV 0 4	
1953	LOAD Z	504 506	0.00-		08	15.15-	09				GLOB UNIF			WV 0 4	
1954	LOAD X	502 504	0.00		19	15.15	20				GLOB UNIF			WV 0 4	
1955	LOAD Y	502 504	0.00-		11	15.15-	11				GLOB UNIF			WV 0 4	
1956	LOAD Z	502 504	0.00-		03	15.15-	04				GLOB UNIF			WV 0 4	
1957	LOAD X	502 505	0.00-		19	15.15-	20				GLOB UNIF			WV 0 4	
1958	LOAD Y	502 505	0.00-		11	15.15-	11				GLOB UNIF			WV 0 4	
1959	LOAD Z	502 505	0.00-		03	15.15-	04				GLOB UNIF			WV 0 4	
1960	LOAD Y	504 505	0.00-		45	15.15-	45				GLOB UNIF			WV 0 4	

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1961	LOAD Z	504	505	0.00-	04	15.16-	04				GLOB	UNIF		WV	0 4
1962	LOAD X	501	513	0.00-	22	2.99-	22				GLOB	UNIF		WV	0 4
1963	LOAD Y	501	513	0.00-	38	2.99-	38				GLOB	UNIF		WV	0 4
1964	LOAD Z	501	513	0.00-	04	2.99-	03				GLOB	UNIF		WV	0 4
1965	LOAD X	503	514	0.00	22	2.99	22				GLOB	UNIF		WV	0 4
1966	LOAD Y	503	514	0.00-	38	2.99-	38				GLOB	UNIF		WV	0 4
1967	LOAD Z	503	514	0.00-	04	2.99-	03				GLOB	UNIF		WV	0 4
1968	LOAD Y	513	651	0.00-	181	6.00-	165				GLOB	UNIF		WV	0 4
1969	LOAD Y	513	651	6.00-	163	6.00-	148				GLOB	UNIF		WV	0 4
1970	LOAD Y	513	651	12.00-	148	6.00-	134				GLOB	UNIF		WV	0 4
1971	LOAD Y	514	653	0.00-	181	6.00-	163				GLOB	UNIF		WV	0 4
1972	LOAD Y	514	653	6.00-	163	6.00-	148				GLOB	UNIF		WV	0 4
1973	LOAD Y	514	653	12.00-	148	6.00-	134				GLOB	UNIF		WV	0 4
1974	LOAD Z	601	611	0.00-	05	6.00-	04				GLOB	UNIF		WV	0 4
1975	LOAD Z	603	613	0.00-	05	6.00-	04				GLOB	UNIF		WV	0 4
1976	LOAD Z	651	661	0.00-	04	5.00-	04				GLOB	UNIF		WV	0 4
1977	LOAD Z	653	663	0.00-	04	5.00-	04				GLOB	UNIF		WV	0 4
1978	LOAD Y	611	612	0.00-	45	16.01-	45				GLOB	UNIF		WV	0 4
1979	LOAD Z	611	612	0.00-	05	16.01-	05				GLOB	UNIF		WV	0 4
1980	LOAD Y	612	613	0.00-	45	16.01-	45				GLOB	UNIF		WV	0 4
1981	LOAD Z	612	613	0.00-	05	16.01-	03				GLOB	UNIF		WV	0 4
1982	LOAD Y	661	662	0.00-	81	17.74-	81				GLOB	UNIF		WV	0 4
1983	LOAD Z	661	662	0.00-	05	17.74-	05				GLOB	UNIF		WV	0 4
1984	LOAD Y	662	663	0.00-	81	17.74-	81				GLOB	UNIF		WV	0 4
1985	LOAD Z	662	663	0.00-	05	17.74-	03				GLOB	UNIF		WV	0 4
1986	LOAD X	611	661	0.00-	05	6.06-	05				GLOB	UNIF		WV	0 4
1987	LOAD Y	611	661	0.00-	120	6.06-	109				GLOB	UNIF		WV	0 4
1988	LOAD X	611	661	6.06-	05	6.06-	03				GLOB	UNIF		WV	0 4
1989	LOAD Y	611	661	6.06-	109	6.06-	99				GLOB	UNIF		WV	0 4
1990	LOAD Y	612	662	0.00-	78	6.00-	70				GLOB	UNIF		WV	0 4
1991	LOAD Y	612	662	6.00-	70	6.00-	64				GLOB	UNIF		WV	0 4
1992	LOAD X	613	663	0.00	03	6.06	05				GLOB	UNIF		WV	0 4
1993	LOAD Y	613	663	0.00-	120	6.06-	109				GLOB	UNIF		WV	0 4
1994	LOAD X	613	663	6.06	05	6.06	03				GLOB	UNIF		WV	0 4
1995	LOAD Y	613	663	6.06-	109	6.06-	99				GLOB	UNIF		WV	0 4
1996	LOAD X	501	622	0.00	09	10.21	08				GLOB	UNIF		WV	0 4
1997	LOAD Y	501	622	0.00-	85	10.21-	77				GLOB	UNIF		WV	0 4
1998	LOAD Z	501	622	0.00-	05	10.21-	05				GLOB	UNIF		WV	0 4
1999	LOAD X	501	622	10.21	08	10.21	07				GLOB	UNIF		WV	0 4
2000	LOAD Y	501	622	10.21-	77	10.21-	70				GLOB	UNIF		WV	0 4
2001	LOAD Z	501	622	10.21-	05	10.21-	04				GLOB	UNIF		WV	0 4
2002	LOAD X	622	703	0.00	09	10.89	08				GLOB	UNIF		WV	0 4
2003	LOAD Y	622	703	0.00-	104	10.89-	93				GLOB	UNIF		WV	0 4
2004	LOAD Z	622	703	0.00-	05	10.89-	05				GLOB	UNIF		WV	0 4
2005	LOAD X	622	703	10.89	08	10.89	07				GLOB	UNIF		WV	0 4
2006	LOAD Y	622	703	10.89-	93	10.89-	84				GLOB	UNIF		WV	0 4
2007	LOAD Z	622	703	10.89-	05	10.89-	05				GLOB	UNIF		WV	0 4
2008	LOAD X	503	625	0.00	20	10.13	17				GLOB	UNIF		WV	0 4
2009	LOAD Y	503	625	0.00-	48	10.13-	42				GLOB	UNIF		WV	0 4

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.															
2010	LOAD	Z	503	625	0.00-	44	10.13-	40			GLOB	UNIF	WV	0	4
2011	LOAD	X	503	625	10.13	17	10.13	15			GLOB	UNIF	WV	0	4
2012	LOAD	Y	503	625	10.13-	42	10.13-	38			GLOB	UNIF	WV	0	4
2013	LOAD	Z	503	625	10.13-	40	10.13-	37			GLOB	UNIF	WV	0	4
2014	LOAD	X	625	706	0.00	24	7.31	22			GLOB	UNIF	WV	0	4
2015	LOAD	Y	625	706	0.00-	55	7.31-	50			GLOB	UNIF	WV	0	4
2016	LOAD	Z	625	706	0.00-	52	7.31-	48			GLOB	UNIF	WV	0	4
2017	LOAD	X	625	706	7.31	22	7.31	20			GLOB	UNIF	WV	0	4
2018	LOAD	Y	625	706	7.31-	50	7.31-	46			GLOB	UNIF	WV	0	4
2019	LOAD	Z	625	706	7.31-	48	7.31-	44			GLOB	UNIF	WV	0	4
2020	LOAD	X	625	706	14.62	20	7.31	18			GLOB	UNIF	WV	0	4
2021	LOAD	Y	625	706	14.62-	46	7.31-	42			GLOB	UNIF	WV	0	4
2022	LOAD	Z	625	706	14.62-	44	7.31-	40			GLOB	UNIF	WV	0	4
2023	LOAD	X	506	624	0.00-	27	10.12-	25			GLOB	UNIF	WV	0	4
2024	LOAD	Y	506	624	0.00-	38	10.12-	35			GLOB	UNIF	WV	0	4
2025	LOAD	Z	506	624	0.00	22	10.12	21			GLOB	UNIF	WV	0	4
2026	LOAD	X	506	624	10.12-	25	10.12-	24			GLOB	UNIF	WV	0	4
2027	LOAD	Y	506	624	10.12-	35	10.12-	33			GLOB	UNIF	WV	0	4
2028	LOAD	Z	506	624	10.12	21	10.12	20			GLOB	UNIF	WV	0	4
2029	LOAD	X	624	701	0.00-	34	7.31-	32			GLOB	UNIF	WV	0	4
2030	LOAD	Y	624	701	0.00-	53	7.31-	49			GLOB	UNIF	WV	0	4
2031	LOAD	Z	624	701	0.00	34	7.31	32			GLOB	UNIF	WV	0	4
2032	LOAD	X	624	701	7.31-	32	7.31-	30			GLOB	UNIF	WV	0	4
2033	LOAD	Y	624	701	7.31-	49	7.31-	46			GLOB	UNIF	WV	0	4
2034	LOAD	Z	624	701	7.31	32	7.31	30			GLOB	UNIF	WV	0	4
2035	LOAD	X	624	701	14.62-	30	7.31-	28			GLOB	UNIF	WV	0	4
2036	LOAD	Y	624	701	14.62-	46	7.31-	43			GLOB	UNIF	WV	0	4
2037	LOAD	Z	624	701	14.62	30	7.31	28			GLOB	UNIF	WV	0	4
2038	LOAD	Y	701	702	0.00-	56	18.76-	56			GLOB	UNIF	WV	0	4
2039	LOAD	Z	701	702	0.00-	02	18.76-	02			GLOB	UNIF	WV	0	4
2040	LOAD	Y	702	703	0.00-	56	18.76-	56			GLOB	UNIF	WV	0	4
2041	LOAD	Z	702	703	0.00-	02	18.76-	02			GLOB	UNIF	WV	0	4
2042	LOAD	X	703	705	0.00	24	18.75	24			GLOB	UNIF	WV	0	4
2043	LOAD	Y	703	705	0.00-	14	18.75-	14			GLOB	UNIF	WV	0	4
2044	LOAD	Z	703	705	0.00-	02	18.75-	03			GLOB	UNIF	WV	0	4
2045	LOAD	X	705	706	0.00	24	18.76	23			GLOB	UNIF	WV	0	4
2046	LOAD	Y	705	706	0.00-	14	18.76-	13			GLOB	UNIF	WV	0	4
2047	LOAD	Z	705	706	0.00-	03	18.76-	03			GLOB	UNIF	WV	0	4
2048	LOAD	X	701	704	0.00-	24	18.75-	24			GLOB	UNIF	WV	0	4
2049	LOAD	Y	701	704	0.00-	14	18.75-	14			GLOB	UNIF	WV	0	4
2050	LOAD	Z	701	704	0.00-	02	18.75-	03			GLOB	UNIF	WV	0	4
2051	LOAD	X	704	706	0.00-	24	18.76-	23			GLOB	UNIF	WV	0	4
2052	LOAD	Y	704	706	0.00-	14	18.76-	13			GLOB	UNIF	WV	0	4
2053	LOAD	Z	704	706	0.00-	03	18.76-	03			GLOB	UNIF	WV	0	4
2054	LOAD	X	702	704	0.00	21	18.75	21			GLOB	UNIF	WV	0	4
2055	LOAD	Y	702	704	0.00-	12	18.75-	12			GLOB	UNIF	WV	0	4
2056	LOAD	Z	702	704	0.00-	1	18.75-	02			GLOB	UNIF	WV	0	4
2057	LOAD	X	702	705	0.00-	21	18.75-	21			GLOB	UNIF	WV	0	4
2058	LOAD	Y	702	705	0.00-	12	18.75-	12			GLOB	UNIF	WV	0	4

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.			1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
2059	LOAD	Z	702	705	0.00-		1	16.75-	02				GLOB	UNIF		WV	0 4
2060	LOAD	Y	704	705	0.00-		49	16.76-	49				GLOB	UNIF		WV	0 4
2061	LOAD	Z	704	705	0.00-		02	16.76-	02				GLOB	UNIF		WV	0 4
2062	LOAD	X	701	806	0.00-		22	16.72-	19				GLOB	UNIF		WV	0 4
2063	LOAD	Y	701	806	0.00-		42	16.72-	37				GLOB	UNIF		WV	0 4
2064	LOAD	Z	701	806	0.00-		41	16.72-	36				GLOB	UNIF		WV	0 4
2065	LOAD	X	701	806	16.72-		19	16.72-	15				GLOB	UNIF		WV	0 4
2066	LOAD	Y	701	806	16.72-		37	16.72-	31				GLOB	UNIF		WV	0 4
2067	LOAD	Z	701	806	16.72-		36	16.72-	31				GLOB	UNIF		WV	0 4
2068	LOAD	X	701	806	33.44-		15	16.72-	13				GLOB	UNIF		WV	0 4
2069	LOAD	Y	701	806	33.44-		31	16.72-	26				GLOB	UNIF		WV	0 4
2070	LOAD	Z	701	806	33.44-		31	16.72-	26				GLOB	UNIF		WV	0 4
2071	LOAD	X	703	801	0.00-		07	16.72-	06				GLOB	UNIF		WV	0 4
2072	LOAD	Y	703	801	0.00-		84	16.72-	74				GLOB	UNIF		WV	0 4
2073	LOAD	Z	703	801	0.00-		04	16.72-	03				GLOB	UNIF		WV	0 4
2074	LOAD	X	703	801	16.72-		06	16.72-	06				GLOB	UNIF		WV	0 4
2075	LOAD	Y	703	801	16.72-		74	16.72-	65				GLOB	UNIF		WV	0 4
2076	LOAD	Z	703	801	16.72-		03	16.72-	03				GLOB	UNIF		WV	0 4
2077	LOAD	X	703	801	33.44-		06	16.72-	05				GLOB	UNIF		WV	0 4
2078	LOAD	Y	703	801	33.44-		65	16.72-	57				GLOB	UNIF		WV	0 4
2079	LOAD	Z	703	801	33.44-		03	16.72-	02				GLOB	UNIF		WV	0 4
2080	LOAD	X	706	803	0.00		27	16.72	25				GLOB	UNIF		WV	0 4
2081	LOAD	Y	706	803	0.00-		36	16.72-	34				GLOB	UNIF		WV	0 4
2082	LOAD	Z	706	803	0.00		23	16.72	22				GLOB	UNIF		WV	0 4
2083	LOAD	X	706	803	16.72		25	16.72	22				GLOB	UNIF		WV	0 4
2084	LOAD	Y	706	803	16.72-		34	16.72-	31				GLOB	UNIF		WV	0 4
2085	LOAD	Z	706	803	16.72		22	16.72	20				GLOB	UNIF		WV	0 4
2086	LOAD	X	706	803	33.44		22	16.72	20				GLOB	UNIF		WV	0 4
2087	LOAD	Y	706	803	33.44-		31	16.72-	28				GLOB	UNIF		WV	0 4
2088	LOAD	Z	706	803	33.44		20	16.72	18				GLOB	UNIF		WV	0 4
2089	LOAD	Y	801	802	0.00-		41	22.79-	41				GLOB	UNIF		WV	0 4
2090	LOAD	Z	801	802	0.00-		02	22.79-	02				GLOB	UNIF		WV	0 4
2091	LOAD	Y	802	803	0.00-		41	22.79-	41				GLOB	UNIF		WV	0 4
2092	LOAD	Z	802	803	0.00-		02	22.79-	02				GLOB	UNIF		WV	0 4
2093	LOAD	X	803	805	0.00		18	22.79	18				GLOB	UNIF		WV	0 4
2094	LOAD	Y	803	805	0.00-		10	22.79-	10				GLOB	UNIF		WV	0 4
2095	LOAD	Z	803	805	0.00-		02	22.79-	02				GLOB	UNIF		WV	0 4
2096	LOAD	X	805	806	0.00		18	22.80	17				GLOB	UNIF		WV	0 4
2097	LOAD	Y	805	806	0.00-		10	22.80-	10				GLOB	UNIF		WV	0 4
2098	LOAD	Z	805	806	0.00-		02	22.80-	03				GLOB	UNIF		WV	0 4
2099	LOAD	X	801	804	0.00-		18	22.79-	18				GLOB	UNIF		WV	0 4
2100	LOAD	Y	801	804	0.00-		10	22.79-	10				GLOB	UNIF		WV	0 4
2101	LOAD	Z	801	804	0.00-		02	22.79-	02				GLOB	UNIF		WV	0 4
2102	LOAD	X	804	806	0.00-		18	22.80-	17				GLOB	UNIF		WV	0 4
2103	LOAD	Y	804	806	0.00-		10	22.80-	10				GLOB	UNIF		WV	0 4
2104	LOAD	Z	804	806	0.00-		02	22.80-	03				GLOB	UNIF		WV	0 4
2105	LOAD	X	802	804	0.00		14	22.80	14				GLOB	UNIF		WV	0 4
2106	LOAD	Y	802	804	0.00-		08	22.80-	08				GLOB	UNIF		WV	0 4
2107	LOAD	Z	802	804	0.00-		1	22.80-	1				GLOB	UNIF		WV	0 4

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																	
2108	LOAD	X	802	805	0.00-	14	22.80-	14					GLOB	UNIF	WV	0	4
2109	LOAD	Y	802	805	0.00-	08	22.80-	08					GLOB	UNIF	WV	0	4
2110	LOAD	Z	802	805	0.00-	1	22.80-	1					GLOB	UNIF	WV	0	4
2111	LOAD	Y	804	805	0.00-	35	22.80-	35					GLOB	UNIF	WV	0	4
2112	LOAD	Z	804	805	0.00-	1	22.80-	1					GLOB	UNIF	WV	0	4
2113	LOAD	X	801	903	0.00	05	19.87	04					GLOB	UNIF	WV	0	4
2114	LOAD	Y	801	903	0.00-	57	19.87-	51					GLOB	UNIF	WV	0	4
2115	LOAD	Z	801	903	0.00-	03	19.87-	02					GLOB	UNIF	WV	0	4
2116	LOAD	X	801	903	19.87	04	19.87	03					GLOB	UNIF	WV	0	4
2117	LOAD	Y	801	903	19.87-	51	19.87-	45					GLOB	UNIF	WV	0	4
2118	LOAD	Z	801	903	19.87-	02	19.87-	02					GLOB	UNIF	WV	0	4
2119	LOAD	X	801	903	39.73	05	19.87	03					GLOB	UNIF	WV	0	4
2120	LOAD	Y	801	903	39.73-	45	19.87-	41					GLOB	UNIF	WV	0	4
2121	LOAD	Z	801	903	39.73-	02	19.87-	1					GLOB	UNIF	WV	0	4
2122	LOAD	X	803	906	0.00	15	19.87	13					GLOB	UNIF	WV	0	4
2123	LOAD	Y	803	906	0.00-	27	19.87-	24					GLOB	UNIF	WV	0	4
2124	LOAD	Z	803	906	0.00-	27	19.87-	24					GLOB	UNIF	WV	0	4
2125	LOAD	X	803	906	19.87	13	19.87	11					GLOB	UNIF	WV	0	4
2126	LOAD	Y	803	906	19.87-	24	19.87-	20					GLOB	UNIF	WV	0	4
2127	LOAD	Z	803	906	19.87-	24	19.87-	20					GLOB	UNIF	WV	0	4
2128	LOAD	X	803	906	39.73	11	19.87	09					GLOB	UNIF	WV	0	4
2129	LOAD	Y	803	906	39.73-	20	19.87-	16					GLOB	UNIF	WV	0	4
2130	LOAD	Z	803	906	39.73-	20	19.87-	16					GLOB	UNIF	WV	0	4
2131	LOAD	X	806	901	0.00-	18	19.87-	17					GLOB	UNIF	WV	0	4
2132	LOAD	Y	806	901	0.00-	25	19.87-	22					GLOB	UNIF	WV	0	4
2133	LOAD	Z	806	901	0.00	15	19.87	15					GLOB	UNIF	WV	0	4
2134	LOAD	X	806	901	19.87-	17	19.87-	16					GLOB	UNIF	WV	0	4
2135	LOAD	Y	806	901	19.87-	22	19.87-	21					GLOB	UNIF	WV	0	4
2136	LOAD	Z	806	901	19.87	15	19.87	14					GLOB	UNIF	WV	0	4
2137	LOAD	X	806	901	39.74-	16	19.87-	14					GLOB	UNIF	WV	0	4
2138	LOAD	Y	806	901	39.74-	21	19.87-	19					GLOB	UNIF	WV	0	4
2139	LOAD	Z	806	901	39.74	14	19.87	13					GLOB	UNIF	WV	0	4
2140	LOAD	Y	901	902	0.00-	35	27.42-	33					GLOB	UNIF	WV	0	4
2141	LOAD	Z	901	902	0.00-	1	27.42-	1					GLOB	UNIF	WV	0	4
2142	LOAD	Y	902	903	0.00-	35	27.42-	35					GLOB	UNIF	WV	0	4
2143	LOAD	Z	902	903	0.00-	1	27.42-	1					GLOB	UNIF	WV	0	4
2144	LOAD	X	903	905	0.00	14	27.41	14					GLOB	UNIF	WV	0	4
2145	LOAD	Y	903	905	0.00-	08	27.41-	08					GLOB	UNIF	WV	0	4
2146	LOAD	Z	903	905	0.00-	1	27.41-	02					GLOB	UNIF	WV	0	4
2147	LOAD	X	905	906	0.00	14	27.42	13					GLOB	UNIF	WV	0	4
2148	LOAD	Y	905	906	0.00-	08	27.42-	07					GLOB	UNIF	WV	0	4
2149	LOAD	Z	905	906	0.00-	02	27.42-	02					GLOB	UNIF	WV	0	4
2150	LOAD	X	901	904	0.00-	14	27.41-	14					GLOB	UNIF	WV	0	4
2151	LOAD	Y	901	904	0.00-	08	27.41-	08					GLOB	UNIF	WV	0	4
2152	LOAD	Z	901	904	0.00-	1	27.41-	02					GLOB	UNIF	WV	0	4
2153	LOAD	X	904	906	0.00-	14	27.42-	13					GLOB	UNIF	WV	0	4
2154	LOAD	Y	904	906	0.00-	08	27.42-	07					GLOB	UNIF	WV	0	4
2155	LOAD	Z	904	906	0.00-	02	27.42-	02					GLOB	UNIF	WV	0	4
2156	LOAD	X	902	904	0.00	10	27.41	10					GLOB	UNIF	WV	0	4

U.S. NAVY - ALMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
2157	LOAD Y	902 904	0.00-	06	27.41-	06					GLOB	UNIF	WV	0	4
2158	LOAD Z	902 904	0.00		27.41-	1					GLOB	UNIF	WV	0	4
2159	LOAD X	902 905	0.00-	10	27.41-	10					GLOB	UNIF	WV	0	4
2160	LOAD Y	902 905	0.00-	06	27.41-	06					GLOB	UNIF	WV	0	4
2161	LOAD Z	902 905	0.00		27.41-	1					GLOB	UNIF	WV	0	4
2162	LOAD Y	904 905	0.00-	23	27.42-	23					GLOB	UNIF	WV	0	4
2163	LOAD Z	904 905	0.00-	1	27.42-	1					GLOB	UNIF	WV	0	4
2164	LOAD X	9011002	0.00	03	14.08	02					GLOB	UNIF	WV	0	4
2165	LOAD Y	9011002	0.00-	37	14.08-	34					GLOB	UNIF	WV	0	4
2166	LOAD Z	9011002	0.00	1	14.08	1					GLOB	UNIF	WV	0	4
2167	LOAD X	9011002	14.08	02	14.08	02					GLOB	UNIF	WV	0	4
2168	LOAD Y	9011002	14.08-	34	14.08-	31					GLOB	UNIF	WV	0	4
2169	LOAD Z	9011002	14.08	1	14.08	1					GLOB	UNIF	WV	0	4
2170	LOAD X	9011002	28.15	02	14.08	1					GLOB	UNIF	WV	0	4
2171	LOAD Y	9011002	28.15-	31	14.08-	29					GLOB	UNIF	WV	0	4
2172	LOAD Z	9011002	28.15	1	14.08	1					GLOB	UNIF	WV	0	4
2173	LOAD X	9031002	0.00-	03	14.08-	02					GLOB	UNIF	WV	0	4
2174	LOAD Y	9031002	0.00-	37	14.08-	34					GLOB	UNIF	WV	0	4
2175	LOAD Z	9031002	0.00	1	14.08	1					GLOB	UNIF	WV	0	4
2176	LOAD X	9031002	14.08-	02	14.08-	02					GLOB	UNIF	WV	0	4
2177	LOAD Y	9031002	14.08-	34	14.08-	31					GLOB	UNIF	WV	0	4
2178	LOAD Z	9031002	14.08	1	14.08	1					GLOB	UNIF	WV	0	4
2179	LOAD X	9031002	28.15-	02	14.08-	1					GLOB	UNIF	WV	0	4
2180	LOAD Y	9031002	28.15-	31	14.08-	29					GLOB	UNIF	WV	0	4
2181	LOAD Z	9031002	28.15	1	14.08	1					GLOB	UNIF	WV	0	4
2182	LOAD X	9031005	0.00	05	14.08	05					GLOB	UNIF	WV	0	4
2183	LOAD Y	9031005	0.00-	25	14.08-	22					GLOB	UNIF	WV	0	4
2184	LOAD Z	9031005	0.00-	17	14.08-	16					GLOB	UNIF	WV	0	4
2185	LOAD X	9031005	14.08	05	14.08	05					GLOB	UNIF	WV	0	4
2186	LOAD Y	9031005	14.08-	22	14.08-	20					GLOB	UNIF	WV	0	4
2187	LOAD Z	9031005	14.08-	16	14.08-	14					GLOB	UNIF	WV	0	4
2188	LOAD X	9031005	28.15	05	14.08	05					GLOB	UNIF	WV	0	4
2189	LOAD Y	9031005	28.15-	20	14.08-	19					GLOB	UNIF	WV	0	4
2190	LOAD Z	9031005	28.15-	14	14.08-	13					GLOB	UNIF	WV	0	4
2191	LOAD X	9061005	0.00	07	14.07	07					GLOB	UNIF	WV	0	4
2192	LOAD Y	9061005	0.00-	22	14.07-	22					GLOB	UNIF	WV	0	4
2193	LOAD Z	9061005	0.00	12	14.07	12					GLOB	UNIF	WV	0	4
2194	LOAD X	9061005	14.07	07	14.07	06					GLOB	UNIF	WV	0	4
2195	LOAD Y	9061005	14.07-	22	14.07-	21					GLOB	UNIF	WV	0	4
2196	LOAD Z	9061005	14.07	12	14.07	12					GLOB	UNIF	WV	0	4
2197	LOAD X	9061005	28.15	06	14.07	06					GLOB	UNIF	WV	0	4
2198	LOAD Y	9061005	28.15-	21	14.07-	21					GLOB	UNIF	WV	0	4
2199	LOAD Z	9061005	28.15	12	14.07	12					GLOB	UNIF	WV	0	4
2200	LOAD X	9011004	0.00-	05	14.08-	05					GLOB	UNIF	WV	0	4
2201	LOAD Y	9011004	0.00-	25	14.08-	22					GLOB	UNIF	WV	0	4
2202	LOAD Z	9011004	0.00-	17	14.08-	16					GLOB	UNIF	WV	0	4
2203	LOAD X	9011004	14.08-	05	14.08-	05					GLOB	UNIF	WV	0	4
2204	LOAD Y	9011004	14.08-	22	14.08-	20					GLOB	UNIF	WV	0	4
2205	LOAD Z	9011004	14.08-	16	14.08-	14					GLOB	UNIF	WV	0	4

STRAN INPUT DATA

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	2	3	4	5	6	7	8
2206	LOAD X 9011004	28.15-	05	14.08-	05	GLOB UNIF	WV 0 4	
2207	LOAD Y 9011004	28.15-	20	14.08-	19	GLOB UNIF	WV 0 4	
2208	LOAD Z 9011004	28.15-	14	14.08-	13	GLOB UNIF	WV 0 4	
2209	LOAD X 9061004	0.00-	07	14.07-	07	GLOB UNIF	WV 0 4	
2210	LOAD Y 9061004	0.00-	22	14.07-	22	GLOB UNIF	WV 0 4	
2211	LOAD Z 9061004	0.00	12	14.07	12	GLOB UNIF	WV 0 4	
2212	LOAD X 9061004	14.07-	07	14.07-	06	GLOB UNIF	WV 0 4	
2213	LOAD Y 9061004	14.07-	22	14.07-	21	GLOB UNIF	WV 0 4	
2214	LOAD Z 9061004	14.07	12	14.07	12	GLOB UNIF	WV 0 4	
2215	LOAD X 9061004	28.15-	06	14.07-	06	GLOB UNIF	WV 0 4	
2216	LOAD Y 9061004	28.15-	21	14.07-	21	GLOB UNIF	WV 0 4	
2217	LOAD Z 9061004	28.15	12	14.07	12	GLOB UNIF	WV 0 4	
2218	LOAD Y 10011002	0.00-	33	52.04-	33	GLOB UNIF	WV 0 4	
2219	LOAD Y 10021003	0.00-	33	52.04-	33	GLOB UNIF	WV 0 4	
2220	LOAD X 10031005	0.00	14	52.04	14	GLOB UNIF	WV 0 4	
2221	LOAD Y 10031005	0.00-	08	52.04-	08	GLOB UNIF	WV 0 4	
2222	LOAD X 10051006	0.00	14	52.04	11	GLOB UNIF	WV 0 4	
2223	LOAD Y 10051006	0.00-	06	52.04-	07	GLOB UNIF	WV 0 4	
2224	LOAD X 10011004	0.00-	14	52.04-	14	GLOB UNIF	WV 0 4	
2225	LOAD Y 10011004	0.00-	08	52.04-	08	GLOB UNIF	WV 0 4	
2226	LOAD X 10041006	0.00-	14	52.04-	11	GLOB UNIF	WV 0 4	
2227	LOAD Y 10041006	0.00-	08	52.04-	07	GLOB UNIF	WV 0 4	
2228	LOAD X 10021004	0.00	10	52.04	10	GLOB UNIF	WV 0 4	
2229	LOAD Y 10021004	0.00-	06	52.04-	06	GLOB UNIF	WV 0 4	
2230	LOAD X 10021005	0.00-	10	52.04-	10	GLOB UNIF	WV 0 4	
2231	LOAD Y 10021005	0.00-	06	52.04-	06	GLOB UNIF	WV 0 4	
2232	LOAD Y 10041005	0.00-	25	52.04-	23	GLOB UNIF	WV 0 4	
2233	LOAD Y 201 301	10.14-	86	1.62-	112	GLOB UNIF	WV 0 4	
2234	LOAD Y 201 301	11.76-	112	1.62-	138	GLOB UNIF	WV 0 4	
2235	LOAD Y 201 301	13.38-	138	1.62-	165	GLOB UNIF	WV 0 4	
2236	LOAD Y 203 303	10.14-	86	1.62-	112	GLOB UNIF	WV 0 4	
2237	LOAD Y 203 303	11.76-	112	1.62-	138	GLOB UNIF	WV 0 4	
2238	LOAD Y 203 303	13.38-	138	1.62-	165	GLOB UNIF	WV 0 4	
2239	LOAD Y 206 306	9.88-	53	1.71-	80	GLOB UNIF	WV 0 4	
2240	LOAD Y 206 306	11.59-	80	1.71-	107	GLOB UNIF	WV 0 4	
2241	LOAD Y 206 306	13.29-	107	1.71-	135	GLOB UNIF	WV 0 4	
2242	LOAD Y 301 401	0.00-	165	14.25-	210	GLOB UNIF	WV 0 4	
2243	LOAD Y 301 401	14.25-	210	14.25-	146	GLOB UNIF	WV 0 4	
2244	LOAD Y 303 403	0.00-	165	14.25-	210	GLOB UNIF	WV 0 4	
2245	LOAD Y 303 403	14.25-	210	14.25-	146	GLOB UNIF	WV 0 4	
2246	LOAD Y 306 406	0.00-	135	14.25-	188	GLOB UNIF	WV 0 4	
2247	LOAD Y 306 406	14.25-	188	14.25-	128	GLOB UNIF	WV 0 4	
2248	LOAD X 401 501	0.00-	13	4.56-	12	GLOB UNIF	WV 0 4	
2249	LOAD Y 401 501	0.00-	235	4.56-	213	GLOB UNIF	WV 0 4	
2250	LOAD Z 401 501	0.00	18	4.56	16	GLOB UNIF	WV 0 4	
2251	LOAD X 403 503	0.00	13	4.56	12	GLOB UNIF	WV 0 4	
2252	LOAD Y 403 503	0.00-	235	4.56-	213	GLOB UNIF	WV 0 4	
2253	LOAD Z 403 503	0.00	18	4.56	16	GLOB UNIF	WV 0 4	
2254	LOAD Y 406 506	0.00-	205	4.56-	183	GLOB UNIF	WV 0 4	

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																				
1...5		1	1	2	2	3	3	4	4	5	5	6	6	7	7	8				
2255	LOAD	Z	606	506	0.00-	34	4.56-	30				GLOB	UNIF		WV	0	4			
2256	LOAD	X	501	601	0.00-	12	6.08-	11				GLOB	UNIF		WV	0	4			
2257	LOAD	Y	501	601	0.00-	210	6.08-	189				GLOB	UNIF		WV	0	4			
2258	LOAD	Z	501	601	0.00	16	6.08	14				GLOB	UNIF		WV	0	4			
2259	LOAD	X	503	603	0.00	12	6.08	11				GLOB	UNIF		WV	0	4			
2260	LOAD	Y	503	603	0.00-	210	6.08-	189				GLOB	UNIF		WV	0	4			
2261	LOAD	Z	503	603	0.00	16	6.08	14				GLOB	UNIF		WV	0	4			
2262	LOAD	Y	506	606	0.00-	181	6.08-	161				GLOB	UNIF		WV	0	4			
2263	LOAD	Z	506	606	0.00-	30	6.08-	27				GLOB	UNIF		WV	0	4			
2264	LOAD	X	601	621	0.00-	11	6.08-	10				GLOB	UNIF		WV	0	4			
2265	LOAD	Y	601	621	0.00-	189	6.08-	172				GLOB	UNIF		WV	0	4			
2266	LOAD	Z	601	621	0.00	14	6.08	13				GLOB	UNIF		WV	0	4			
2267	LOAD	X	603	623	0.00	11	6.08	10				GLOB	UNIF		WV	0	4			
2268	LOAD	Y	603	623	0.00-	189	6.08-	172				GLOB	UNIF		WV	0	4			
2269	LOAD	Z	603	623	0.00	14	6.08	13				GLOB	UNIF		WV	0	4			
2270	LOAD	Y	606	626	0.00-	161	6.08-	145				GLOB	UNIF		WV	0	4			
2271	LOAD	Z	606	626	0.00-	27	6.08-	24				GLOB	UNIF		WV	0	4			
2272	LOAD	X	621	651	0.00-	20	6.08-	19				GLOB	UNIF		WV	0	4			
2273	LOAD	Y	621	651	0.00-	257	6.08-	233				GLOB	UNIF		WV	0	4			
2274	LOAD	Z	621	651	0.00	18	6.08	17				GLOB	UNIF		WV	0	4			
2275	LOAD	X	623	653	0.00	20	6.08	19				GLOB	UNIF		WV	0	4			
2276	LOAD	Y	623	653	0.00-	257	6.08-	233				GLOB	UNIF		WV	0	4			
2277	LOAD	Z	623	653	0.00	18	6.08	17				GLOB	UNIF		WV	0	4			
2278	LOAD	Y	626	656	0.00-	202	6.08-	180				GLOB	UNIF		WV	0	4			
2279	LOAD	Z	626	656	0.00-	34	6.08-	30				GLOB	UNIF		WV	0	4			
2280	LOAD	X	651	701	0.00-	19	7.10-	17				GLOB	UNIF		WV	0	4			
2281	LOAD	Y	651	701	0.00-	233	7.10-	211				GLOB	UNIF		WV	0	4			
2282	LOAD	Z	651	701	0.00	17	7.10	15				GLOB	UNIF		WV	0	4			
2283	LOAD	X	653	703	0.00	19	7.10	17				GLOB	UNIF		WV	0	4			
2284	LOAD	Y	653	703	0.00-	233	7.10-	211				GLOB	UNIF		WV	0	4			
2285	LOAD	Z	653	703	0.00	17	7.10	15				GLOB	UNIF		WV	0	4			
2286	LOAD	Y	656	706	0.00-	180	7.10-	158				GLOB	UNIF		WV	0	4			
2287	LOAD	Z	656	706	0.00-	30	7.10-	26				GLOB	UNIF		WV	0	4			
2288	LOAD	X	701	801	0.00-	15	9.46-	14				GLOB	UNIF		WV	0	4			
2289	LOAD	Y	701	801	0.00-	200	9.46-	176				GLOB	UNIF		WV	0	4			
2290	LOAD	Z	701	801	0.00	14	9.46	13				GLOB	UNIF		WV	0	4			
2291	LOAD	X	701	801	9.46-	14	9.46-	12				GLOB	UNIF		WV	0	4			
2292	LOAD	Y	701	801	9.46-	176	9.46-	155				GLOB	UNIF		WV	0	4			
2293	LOAD	Z	701	801	9.46	13	9.46	11				GLOB	UNIF		WV	0	4			
2294	LOAD	X	701	801	18.92-	12	9.46-	10				GLOB	UNIF		WV	0	4			
2295	LOAD	Y	701	801	18.92-	155	9.46-	139				GLOB	UNIF		WV	0	4			
2296	LOAD	Z	701	801	18.92	11	9.46	10				GLOB	UNIF		WV	0	4			
2297	LOAD	X	703	803	0.00	15	9.46	14				GLOB	UNIF		WV	0	4			
2298	LOAD	Y	703	803	0.00-	200	9.46-	176				GLOB	UNIF		WV	0	4			
2299	LOAD	Z	703	803	0.00	14	9.46	13				GLOB	UNIF		WV	0	4			
2300	LOAD	X	703	803	9.46	14	9.46	12				GLOB	UNIF		WV	0	4			
2301	LOAD	Y	703	803	9.46-	176	9.46-	155				GLOB	UNIF		WV	0	4			
2302	LOAD	Z	703	803	9.46	13	9.46	11				GLOB	UNIF		WV	0	4			
2303	LOAD	X	703	803	18.92	12	9.46	10				GLOB	UNIF		WV	0	4			

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2304	LOAD Y	703 803	18.92-	155	9.46-	134					GLOB UNIF				WV 0 4
2305	LOAD Z	703 803	18.92	11	9.46	10					GLOB UNIF				WV 0 4
2306	LOAD Y	706 806	0.00-	154	9.46-	130					GLOB UNIF				WV 0 4
2307	LOAD Z	706 806	0.00-	26	9.46-	22					GLOB UNIF				WV 0 4
2308	LOAD Y	706 806	9.46-	130	9.46-	111					GLOB UNIF				WV 0 4
2309	LOAD Z	706 806	9.46-	22	9.46-	18					GLOB UNIF				WV 0 4
2310	LOAD Y	706 806	18.92-	111	9.46-	95					GLOB UNIF				WV 0 4
2311	LOAD Z	706 806	18.92-	18	9.46-	16					GLOB UNIF				WV 0 4
2312	LOAD X	801 901	0.00-	10	10.81-	09					GLOB UNIF				WV 0 4
2313	LOAD Y	801 901	0.00-	139	10.81-	124					GLOB UNIF				WV 0 4
2314	LOAD Z	801 901	0.00	10	10.81	09					GLOB UNIF				WV 0 4
2315	LOAD X	801 901	10.81-	09	10.81-	07					GLOB UNIF				WV 0 4
2316	LOAD Y	801 901	10.81-	124	10.81-	112					GLOB UNIF				WV 0 4
2317	LOAD Z	801 901	10.81	09	10.81	08					GLOB UNIF				WV 0 4
2318	LOAD X	801 901	21.63-	07	10.81-	05					GLOB UNIF				WV 0 4
2319	LOAD Y	801 901	21.63-	112	10.81-	103					GLOB UNIF				WV 0 4
2320	LOAD Z	801 901	21.63	08	10.81	08					GLOB UNIF				WV 0 4
2321	LOAD X	803 903	0.00	10	10.81	09					GLOB UNIF				WV 0 4
2322	LOAD Y	803 903	0.00-	139	10.81-	124					GLOB UNIF				WV 0 4
2323	LOAD Z	803 903	0.00	10	10.81	09					GLOB UNIF				WV 0 4
2324	LOAD X	803 903	10.81	09	10.81	07					GLOB UNIF				WV 0 4
2325	LOAD Y	803 903	10.81-	124	10.81-	112					GLOB UNIF				WV 0 4
2326	LOAD Z	803 903	10.81	09	10.81	08					GLOB UNIF				WV 0 4
2327	LOAD X	803 903	21.63	07	10.81	05					GLOB UNIF				WV 0 4
2328	LOAD Y	803 903	21.63-	112	10.81-	103					GLOB UNIF				WV 0 4
2329	LOAD Z	803 903	21.63	08	10.81	08					GLOB UNIF				WV 0 4
2330	LOAD Y	806 906	0.00-	95	10.81-	80					GLOB UNIF				WV 0 4
2331	LOAD Z	806 906	0.00-	16	10.81-	13					GLOB UNIF				WV 0 4
2332	LOAD Y	806 906	10.81-	80	10.81-	67					GLOB UNIF				WV 0 4
2333	LOAD Z	806 906	10.81-	13	10.81-	11					GLOB UNIF				WV 0 4
2334	LOAD Y	806 906	21.63-	67	10.81-	56					GLOB UNIF				WV 0 4
2335	LOAD Z	806 906	21.63-	11	10.81-	09					GLOB UNIF				WV 0 4
2336	LOAD X	9011001	0.00-	05	16.22-	03					GLOB UNIF				WV 0 4
2337	LOAD Y	9011001	0.00-	103	16.22-	94					GLOB UNIF				WV 0 4
2338	LOAD Z	9011001	0.00	08	16.22	07					GLOB UNIF				WV 0 4
2339	LOAD X	9011001	16.22-	05	16.22-	1					GLOB UNIF				WV 0 4
2340	LOAD Y	9011001	16.22-	94	16.22-	86					GLOB UNIF				WV 0 4
2341	LOAD Z	9011001	16.22	07	16.22	07					GLOB UNIF				WV 0 4
2342	LOAD X	9031003	0.00	05	16.22	03					GLOB UNIF				WV 0 4
2343	LOAD Y	9031003	0.00-	103	16.22-	94					GLOB UNIF				WV 0 4
2344	LOAD Z	9031003	0.00	08	16.22	07					GLOB UNIF				WV 0 4
2345	LOAD X	9031003	16.22	05	16.22	1					GLOB UNIF				WV 0 4
2346	LOAD Y	9031003	16.22-	94	16.22-	86					GLOB UNIF				WV 0 4
2347	LOAD Z	9031003	16.22	07	16.22	07					GLOB UNIF				WV 0 4
2348	LOAD Y	9061006	0.00-	56	16.22-	43					GLOB UNIF				WV 0 4
2349	LOAD Z	9061006	0.00-	09	16.22-	07					GLOB UNIF				WV 0 4
2350	LOAD Y	9061006	16.22-	43	16.22-	32					GLOB UNIF				WV 0 4
2351	LOAD Z	9061006	16.22-	07	16.22-	05					GLOB UNIF				WV 0 4
2352	LOADCA 5														

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2353	LOAD X	510 710	7.59	135							GLOB CONC		WN	0	5
2354	LOAD Y	510 710							7.59	106399	GLOB MOMT		WN	0	5
2355	LOAD Y	510 710	7.59	234							GLOB CONC		WN	0	5
2356	LOAD X	510 710							7.59	-184288	GLOB MOMT		WN	0	5
2357	LOAD X	511 711	7.59	135							GLOB CONC		WN	0	5
2358	LOAD Y	511 711							7.59	106399	GLOB MOMT		WN	0	5
2359	LOAD Y	511 711	7.59	234							GLOB CONC		WN	0	5
2360	LOAD X	511 711							7.59	-184288	GLOB MOMT		WN	0	5
2361	LOAD X	512 712	7.59	135							GLOB CONC		WN	0	5
2362	LOAD Y	512 712							7.59	106399	GLOB MOMT		WN	0	5
2363	LOAD Y	512 712	7.59	234							GLOB CONC		WN	0	5
2364	LOAD X	512 712							7.59	-184288	GLOB MOMT		WN	0	5
2365	LOAD X	510 710	7.59	137							GLOB CONC		WN	0	5
2366	LOAD Y	510 710							7.59	98656	GLOB MOMT		WN	0	5
2367	LOAD Y	510 710	7.59	238							GLOB CONC		WN	0	5
2368	LOAD X	510 710							7.59	-170877	GLOB MOMT		WN	0	5
2369	LOAD X	511 711	7.59	137							GLOB CONC		WN	0	5
2370	LOAD Y	511 711							7.59	98656	GLOB MOMT		WN	0	5
2371	LOAD Y	511 711	7.59	238							GLOB CONC		WN	0	5
2372	LOAD X	511 711							7.59	-170877	GLOB MOMT		WN	0	5
2373	LOAD X	512 712	7.59	137							GLOB CONC		WN	0	5
2374	LOAD Y	512 712							7.59	98656	GLOB MOMT		WN	0	5
2375	LOAD Y	512 712	7.59	238							GLOB CONC		WN	0	5
2376	LOAD X	512 712							7.59	-170877	GLOB MOMT		WN	0	5
2377	LOAD X	622 703	14.22-	02	7.55-	02					GLOB UNIF		WV	0	5
2378	LOAD Y	622 703	14.22-	02	7.55-	02					GLOB UNIF		WV	0	5
2379	LOAD Z	622 703	14.22	03	7.55	03					GLOB UNIF		WV	0	5
2380	LOAD X	624 701	14.93-	1	7.00-	1					GLOB UNIF		WV	0	5
2381	LOAD Y	624 701	14.93-	03	7.00-	03					GLOB UNIF		WV	0	5
2382	LOAD Z	624 701	14.93	02	7.00	02					GLOB UNIF		WV	0	5
2383	LOAD Y	701 702	0.00-	02	18.76-	02					GLOB UNIF		WV	0	5
2384	LOAD Z	701 702	0.00	1	18.76	1					GLOB UNIF		WV	0	5
2385	LOAD Y	702 703	0.00-	02	18.76-	02					GLOB UNIF		WV	0	5
2386	LOAD Z	702 703	0.00	1	18.76	1					GLOB UNIF		WV	0	5
2387	LOAD Z	703 705	0.00	1	6.25	1					GLOB UNIF		WV	0	5
2388	LOAD Z	703 705	6.25	1	6.25	1					GLOB UNIF		WV	0	5
2389	LOAD Z	703 705	12.50	1	6.25	1					GLOB UNIF		WV	0	5
2390	LOAD Z	705 706	0.00	1	9.38	1					GLOB UNIF		WV	0	5
2391	LOAD Z	705 706	9.38	1	9.38	1					GLOB UNIF		WV	0	5
2392	LOAD X	701 704	0.00-	02	18.75-	02					GLOB UNIF		WV	0	5
2393	LOAD Y	701 704	0.00-	1	18.75-	1					GLOB UNIF		WV	0	5
2394	LOAD Z	701 704	0.00	1	18.75	1					GLOB UNIF		WV	0	5
2395	LOAD X	704 706	0.00-	02	18.76-	02					GLOB UNIF		WV	0	5
2396	LOAD Y	704 706	0.00-	1	18.76-	1					GLOB UNIF		WV	0	5
2397	LOAD Z	704 706	0.00	1	18.76	1					GLOB UNIF		WV	0	5
2398	LOAD Z	702 704	0.00	1	6.25	1					GLOB UNIF		WV	0	5
2399	LOAD Z	702 704	6.25	1	6.25	1					GLOB UNIF		WV	0	5
2400	LOAD Z	702 704	12.50	1	6.25	1					GLOB UNIF		WV	0	5
2401	LOAD X	702 705	0.00-	1	18.75-	02					GLOB UNIF		WV	0	5

STRAN INPUT DATA

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 5 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2402	LOAD Y	702 705	0.00-		1	10.75-	1				GLOB UNIF		WV 0 S		
2403	LOAD Z	702 705	0.00		1	10.75	1				GLOB UNIF		WV 0 S		
2404	LOAD Y	704 705	0.00-		02	10.76-	02				GLOB UNIF		WV 0 S		
2405	LOAD Z	704 705	0.00		1	10.76	1				GLOB UNIF		WV 0 S		
2406	LOAD X	701 806	0.00-		02	50.16-	03				GLOB UNIF		WV 0 S		
2407	LOAD Y	701 806	0.00			50.16-	02				GLOB UNIF		WV 0 S		
2408	LOAD Z	701 806	0.00		1	50.16					GLOB UNIF		WV 0 S		
2409	LOAD X	703 801	0.00		1	50.16					GLOB UNIF		WV 0 S		
2410	LOAD Y	703 801	0.00-		02	50.16-	03				GLOB UNIF		WV 0 S		
2411	LOAD Z	703 801	0.00		02	50.16	1				GLOB UNIF		WV 0 S		
2412	LOAD X	706 803	0.00-		1	25.08-	1				GLOB UNIF		WV 0 S		
2413	LOAD Y	706 803	0.00-		02	25.08-	02				GLOB UNIF		WV 0 S		
2414	LOAD Z	706 803	0.00		03	25.08	03				GLOB UNIF		WV 0 S		
2415	LOAD X	706 803	25.08-		1	25.08-	1				GLOB UNIF		WV 0 S		
2416	LOAD Y	706 803	25.08-		02	25.08-	1				GLOB UNIF		WV 0 S		
2417	LOAD Z	706 803	25.08		03	25.08	03				GLOB UNIF		WV 0 S		
2418	LOAD Y	801 802	0.00-		02	22.79-	02				GLOB UNIF		WV 0 S		
2419	LOAD Z	801 802	0.00		1	22.79	1				GLOB UNIF		WV 0 S		
2420	LOAD Y	802 803	0.00-		02	22.79-	02				GLOB UNIF		WV 0 S		
2421	LOAD Z	802 803	0.00		1	22.79	1				GLOB UNIF		WV 0 S		
2422	LOAD Z	803 805	0.00		1	7.60	1				GLOB UNIF		WV 0 S		
2423	LOAD Z	803 805	7.60		1	7.60	1				GLOB UNIF		WV 0 S		
2424	LOAD Z	803 805	15.19		1	7.60	1				GLOB UNIF		WV 0 S		
2425	LOAD Z	805 806	0.00		1	11.40	1				GLOB UNIF		WV 0 S		
2426	LOAD Z	805 806	11.40		1	11.40	1				GLOB UNIF		WV 0 S		
2427	LOAD X	801 804	0.00-		02	22.79-	02				GLOB UNIF		WV 0 S		
2428	LOAD Y	801 804	0.00-		1	22.79-	1				GLOB UNIF		WV 0 S		
2429	LOAD Z	801 804	0.00		1	22.79	1				GLOB UNIF		WV 0 S		
2430	LOAD X	804 806	0.00-		02	22.80-	02				GLOB UNIF		WV 0 S		
2431	LOAD Y	804 806	0.00-		1	22.80-	1				GLOB UNIF		WV 0 S		
2432	LOAD Z	804 806	0.00		1	22.80	1				GLOB UNIF		WV 0 S		
2433	LOAD X	802 805	0.00-		02	22.80-	02				GLOB UNIF		WV 0 S		
2434	LOAD Y	802 805	0.00-		1	22.80-	1				GLOB UNIF		WV 0 S		
2435	LOAD Y	804 805	0.00-		02	22.80-	02				GLOB UNIF		WV 0 S		
2436	LOAD X	801 903	0.00-		1	29.60-	1				GLOB UNIF		WV 0 S		
2437	LOAD Y	801 903	0.00-		03	29.60-	03				GLOB UNIF		WV 0 S		
2438	LOAD Z	801 903	0.00		02	29.60	02				GLOB UNIF		WV 0 S		
2439	LOAD X	801 903	29.60-		1	29.60-	1				GLOB UNIF		WV 0 S		
2440	LOAD Y	801 903	29.60-		03	29.60-	02				GLOB UNIF		WV 0 S		
2441	LOAD Z	801 903	29.60		02	29.60	1				GLOB UNIF		WV 0 S		
2442	LOAD X	803 906	0.62			52.98-	1				GLOB UNIF		WV 0 S		
2443	LOAD Y	803 906	17.03			42.57-	1				GLOB UNIF		WV 0 S		
2444	LOAD Z	803 906	0.00		1	15.45					GLOB UNIF		WV 0 S		
2445	LOAD Z	803 906	15.45			44.15-	02				GLOB UNIF		WV 0 S		
2446	LOAD X	806 901	0.00-		02	29.60-	03				GLOB UNIF		WV 0 S		
2447	LOAD Y	806 901	0.00-		03	29.60-	03				GLOB UNIF		WV 0 S		
2448	LOAD Z	806 901	0.00		02	29.60	02				GLOB UNIF		WV 0 S		
2449	LOAD X	806 901	29.60-		03	29.60-	03				GLOB UNIF		WV 0 S		
2450	LOAD Y	806 901	29.60-		03	29.60-	03				GLOB UNIF		WV 0 S		

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																					
2451	LOAD	Z	806	901	29.80		02	29.80		02				GLOB	UNIF		WV	0	5		
2452	LOAD	Y	901	902	0.00-		03	27.42-		03				GLOB	UNIF		WV	0	5		
2453	LOAD	Z	901	902	0.00		1	27.42		1				GLOB	UNIF		WV	0	5		
2454	LOAD	Y	902	903	0.00-		03	27.42-		02				GLOB	UNIF		WV	0	5		
2455	LOAD	Z	902	903	0.00		1	27.42		1				GLOB	UNIF		WV	0	5		
2456	LOAD	Z	903	905	0.00		1	13.71		1				GLOB	UNIF		WV	0	5		
2457	LOAD	Z	903	905	13.71		1	13.71		1				GLOB	UNIF		WV	0	5		
2458	LOAD	Z	905	906	0.00		1	13.71						GLOB	UNIF		WV	0	5		
2459	LOAD	X	901	904	0.00-		03	27.41-		03				GLOB	UNIF		WV	0	5		
2460	LOAD	Y	901	904	0.00-		02	27.41-		02				GLOB	UNIF		WV	0	5		
2461	LOAD	Z	901	904	0.00		1	27.41						GLOB	UNIF		WV	0	5		
2462	LOAD	X	904	906	0.00-		03	27.42-		04				GLOB	UNIF		WV	0	5		
2463	LOAD	Y	904	906	0.00-		02	27.42-		02				GLOB	UNIF		WV	0	5		
2464	LOAD	X	902	905	0.00-		02	27.41-		02				GLOB	UNIF		WV	0	5		
2465	LOAD	Y	902	905	0.00-		1	27.41-		1				GLOB	UNIF		WV	0	5		
2466	LOAD	Y	904	905	0.00-		03	27.42-		03				GLOB	UNIF		WV	0	5		
2467	LOAD	X	9011002		0.00-		1	14.08-		1				GLOB	UNIF		WV	0	5		
2468	LOAD	Y	9011002		0.00-		04	14.08-		04				GLOB	UNIF		WV	0	5		
2469	LOAD	Z	9011002		0.00		1	14.08		1				GLOB	UNIF		WV	0	5		
2470	LOAD	X	9011002		14.08-		1	14.08-		1				GLOB	UNIF		WV	0	5		
2471	LOAD	Y	9011002		14.08-		04	14.08-		04				GLOB	UNIF		WV	0	5		
2472	LOAD	Z	9011002		14.08		1	14.08		1				GLOB	UNIF		WV	0	5		
2473	LOAD	X	9011002		28.15-		1	14.08-		1				GLOB	UNIF		WV	0	5		
2474	LOAD	Y	9011002		28.15-		04	14.08-		04				GLOB	UNIF		WV	0	5		
2475	LOAD	Z	9011002		28.15		1	14.08		1				GLOB	UNIF		WV	0	5		
2476	LOAD	X	9031002		0.00			14.08-		1				GLOB	UNIF		WV	0	5		
2477	LOAD	Y	9031002		0.00-		02	14.08-		03				GLOB	UNIF		WV	0	5		
2478	LOAD	X	9031002		14.08-		1	14.08-		1				GLOB	UNIF		WV	0	5		
2479	LOAD	Y	9031002		14.08-		03	14.08-		04				GLOB	UNIF		WV	0	5		
2480	LOAD	Z	9031002		14.08			14.08-		1				GLOB	UNIF		WV	0	5		
2481	LOAD	X	9031002		28.15-		1	14.08-		02				GLOB	UNIF		WV	0	5		
2482	LOAD	Y	9031002		28.15-		04	14.08-		04				GLOB	UNIF		WV	0	5		
2483	LOAD	Z	9031002		28.15-		1	14.08-		1				GLOB	UNIF		WV	0	5		
2484	LOAD	X	9031005		0.00-		1	21.11-		1				GLOB	UNIF		WV	0	5		
2485	LOAD	Y	9031005		0.00-		1	21.11-		02				GLOB	UNIF		WV	0	5		
2486	LOAD	Z	9031005		0.00-		1	21.11-		02				GLOB	UNIF		WV	0	5		
2487	LOAD	X	9031005		21.11-		1	21.11-		02				GLOB	UNIF		WV	0	5		
2488	LOAD	Y	9031005		21.11-		02	21.11-		03				GLOB	UNIF		WV	0	5		
2489	LOAD	Z	9031005		21.11-		02	21.11-		03				GLOB	UNIF		WV	0	5		
2490	LOAD	X	9061005		0.00-		1	14.07-		1				GLOB	UNIF		WV	0	5		
2491	LOAD	Y	9061005		0.00-		03	14.07-		03				GLOB	UNIF		WV	0	5		
2492	LOAD	Z	9061005		0.00		03	14.07		03				GLOB	UNIF		WV	0	5		
2493	LOAD	X	9061005		14.07-		1	14.07-		1				GLOB	UNIF		WV	0	5		
2494	LOAD	Y	9061005		14.07-		03	14.07-		03				GLOB	UNIF		WV	0	5		
2495	LOAD	Z	9061005		14.07		03	14.07		03				GLOB	UNIF		WV	0	5		
2496	LOAD	X	9061005		28.15-		1	14.07-		1				GLOB	UNIF		WV	0	5		
2497	LOAD	Y	9061005		28.15-		03	14.07-		03				GLOB	UNIF		WV	0	5		
2498	LOAD	Z	9061005		28.15		03	14.07		03				GLOB	UNIF		WV	0	5		
2499	LOAD	X	9011004		0.00-		03	21.11-		03				GLOB	UNIF		WV	0	5		

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.			1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																
2500	LOAD	Y	9011004		0.00-	02	21.11-	03					GLOB	UNIF		WV	0 5
2501	LOAD	Z	9011004		0.00-	1	21.11-	1					GLOB	UNIF		WV	0 5
2502	LOAD	X	9011004		21.11-	03	21.11-	04					GLOB	UNIF		WV	0 5
2503	LOAD	Y	9011004		21.11-	03	21.11-	04					GLOB	UNIF		WV	0 5
2504	LOAD	Z	9011004		21.11-	1	21.11-	02					GLOB	UNIF		WV	0 5
2505	LOAD	X	9061004		0.00-	03	14.07-	03					GLOB	UNIF		WV	0 5
2506	LOAD	Y	9061004		0.00-	04	14.07-	04					GLOB	UNIF		WV	0 5
2507	LOAD	Z	9061004		0.00	1	14.07	1					GLOB	UNIF		WV	0 5
2508	LOAD	X	9061004		14.07-	03	14.07-	04					GLOB	UNIF		WV	0 5
2509	LOAD	Y	9061004		14.07-	04	14.07-	05					GLOB	UNIF		WV	0 5
2510	LOAD	Z	9061004		14.07	1	14.07	1					GLOB	UNIF		WV	0 5
2511	LOAD	X	9061004		28.15-	04	14.07-	04					GLOB	UNIF		WV	0 5
2512	LOAD	Y	9061004		28.15-	05	14.07-	05					GLOB	UNIF		WV	0 5
2513	LOAD	Z	9061004		28.15	1	14.07	1					GLOB	UNIF		WV	0 5
2514	LOAD	Y	10011002		0.00-	05	32.04-	05					GLOB	UNIF		WV	0 5
2515	LOAD	Y	10021003		0.00-	05	32.04-	03					GLOB	UNIF		WV	0 5
2516	LOAD	X	10011004		0.00-	05	32.04-	05					GLOB	UNIF		WV	0 5
2517	LOAD	Y	10011004		0.00-	05	32.04-	03					GLOB	UNIF		WV	0 5
2518	LOAD	X	10041006		0.00-	05	32.04-	06					GLOB	UNIF		WV	0 5
2519	LOAD	Y	10041006		0.00-	03	32.04-	03					GLOB	UNIF		WV	0 5
2520	LOAD	X	10021005		0.00-	03	32.04-	04					GLOB	UNIF		WV	0 5
2521	LOAD	Y	10021005		0.00-	02	32.04-	02					GLOB	UNIF		WV	0 5
2522	LOAD	Y	10041005		0.00-	05	32.04-	04					GLOB	UNIF		WV	0 5
2523	LOAD	X	651	701	2.84	05	4.26	06					GLOB	UNIF		WV	0 5
2524	LOAD	Z	651	701	2.84	1	4.26	1					GLOB	UNIF		WV	0 5
2525	LOAD	X	653	703	2.47-	1	4.63						GLOB	UNIF		WV	0 5
2526	LOAD	Y	653	703	2.47	04	4.63	05					GLOB	UNIF		WV	0 5
2527	LOAD	X	656	706	3.16-	1	3.94-	1					GLOB	UNIF		WV	0 5
2528	LOAD	Y	656	706	3.16	03	3.94	03					GLOB	UNIF		WV	0 5
2529	LOAD	X	701	801	0.00	04	14.19	05					GLOB	UNIF		WV	0 5
2530	LOAD	Y	701	801	2.37		11.83	1					GLOB	UNIF		WV	0 5
2531	LOAD	Z	701	801	0.00	1	14.19	1					GLOB	UNIF		WV	0 5
2532	LOAD	X	701	801	14.19	05	14.19	04					GLOB	UNIF		WV	0 5
2533	LOAD	Y	701	801	14.19	1	14.19	02					GLOB	UNIF		WV	0 5
2534	LOAD	Z	701	801	14.19	1	14.19						GLOB	UNIF		WV	0 5
2535	LOAD	X	703	803	0.00-	1	5.68						GLOB	UNIF		WV	0 5
2536	LOAD	Y	703	803	0.00	04	9.46	05					GLOB	UNIF		WV	0 5
2537	LOAD	X	703	803	9.46		9.46	1					GLOB	UNIF		WV	0 5
2538	LOAD	Y	703	803	9.46	05	9.46	07					GLOB	UNIF		WV	0 5
2539	LOAD	Z	703	803	9.46		9.46-	1					GLOB	UNIF		WV	0 5
2540	LOAD	X	703	803	18.92	1	9.46	02					GLOB	UNIF		WV	0 5
2541	LOAD	Y	703	803	18.92	07	9.46	08					GLOB	UNIF		WV	0 5
2542	LOAD	Z	703	803	18.92-	1	9.46-	1					GLOB	UNIF		WV	0 5
2543	LOAD	X	706	806	0.00-	1	28.39-	1					GLOB	UNIF		WV	0 5
2544	LOAD	Y	706	806	0.00	02	28.39						GLOB	UNIF		WV	0 5
2545	LOAD	X	801	901	0.00	04	16.22	04					GLOB	UNIF		WV	0 5
2546	LOAD	Y	801	901	0.00	02	16.22	02					GLOB	UNIF		WV	0 5
2547	LOAD	X	801	901	16.22	04	16.22	03					GLOB	UNIF		WV	0 5
2548	LOAD	Y	801	901	16.22	02	16.22	02					GLOB	UNIF		WV	0 5

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2549	LOAD X	803 903	0.00	02	10.81	03					GLOB UNIF		WV	0	5
2550	LOAD Y	803 903	0.00	08	10.81	09					GLOB UNIF		WV	0	5
2551	LOAD Z	803 903	0.00-	1	10.81-	1					GLOB UNIF		WV	0	5
2552	LOAD X	803 903	10.81	03	10.81	04					GLOB UNIF		WV	0	5
2553	LOAD Y	803 903	10.81	09	10.81	10					GLOB UNIF		WV	0	5
2554	LOAD Z	803 903	10.81-	1	10.81-	1					GLOB UNIF		WV	0	5
2555	LOAD X	803 903	21.63	04	10.81	05					GLOB UNIF		WV	0	5
2556	LOAD Y	803 903	21.63	10	10.81	10					GLOB UNIF		WV	0	5
2557	LOAD Z	803 903	21.63-	1	10.81-	02					GLOB UNIF		WV	0	5
2558	LOAD X	806 906	0.00-	1	32.44-	03					GLOB UNIF		WV	0	5
2559	LOAD Y	806 906	3.41		29.03-	03					GLOB UNIF		WV	0	5
2560	LOAD Z	806 906	4.83		27.61-	1					GLOB UNIF		WV	0	5
2561	LOAD X	9011001	0.00	03	10.22	1					GLOB UNIF		WV	0	5
2562	LOAD Y	9011001	0.00	02	10.22	1					GLOB UNIF		WV	0	5
2563	LOAD X	9011001	10.22	1	12.62						GLOB UNIF		WV	0	5
2564	LOAD Y	9011001	10.22	1	9.73						GLOB UNIF		WV	0	5
2565	LOAD Y	9011001	25.95		6.49-	1					GLOB UNIF		WV	0	5
2566	LOAD X	9031003	0.00	05	10.22	05					GLOB UNIF		WV	0	5
2567	LOAD Y	9031003	0.00	10	10.22	11					GLOB UNIF		WV	0	5
2568	LOAD Z	9031003	0.00-	02	10.22-	02					GLOB UNIF		WV	0	5
2569	LOAD X	9031003	10.22	05	10.22	06					GLOB UNIF		WV	0	5
2570	LOAD Y	9031003	10.22	11	10.22	10					GLOB UNIF		WV	0	5
2571	LOAD Z	9031003	10.22-	02	10.22-	02					GLOB UNIF		WV	0	5
2572	LOAD X	9061006	0.00-	03	10.22-	04					GLOB UNIF		WV	0	5
2573	LOAD Y	9061006	0.00-	03	10.22-	06					GLOB UNIF		WV	0	5
2574	LOAD Z	9061006	0.00-	1	10.22-	1					GLOB UNIF		WV	0	5
2575	LOAD X	9061006	10.22-	04	10.22-	06					GLOB UNIF		WV	0	5
2576	LOAD Y	9061006	10.22-	06	10.22-	09					GLOB UNIF		WV	0	5
2577	LOAD Z	9061006	10.22-	1	10.22-	02					GLOB UNIF		WV	0	5
2578	LOADCM	6													
2579	LOAD Y	510 710	7.59	271							GLOB CONC		WN	0	6
2580	LOAD X	510 710							7.59-212797		GLOB MOMT		WN	0	6
2581	LOAD Y	511 711	7.59	271							GLOB CONC		WN	0	6
2582	LOAD X	511 711							7.59-212797		GLOB MOMT		WN	0	6
2583	LOAD Y	512 712	7.59	271							GLOB CONC		WN	0	6
2584	LOAD X	512 712							7.59-212797		GLOB MOMT		WN	0	6
2585	LOAD Y	510 710	7.59	275							GLOB CONC		WN	0	6
2586	LOAD X	510 710							7.59-197312		GLOB MOMT		WN	0	6
2587	LOAD Y	511 711	7.59	275							GLOB CONC		WN	0	6
2588	LOAD X	511 711							7.59-197312		GLOB MOMT		WN	0	6
2589	LOAD Y	512 712	7.59	275							GLOB CONC		WN	0	6
2590	LOAD X	512 712							7.59-197312		GLOB MOMT		WN	0	6
2591	LOAD X	622 703	14.39-	1	7.38-	1					GLOB UNIF		WV	0	6
2592	LOAD Y	622 703	14.39-	03	7.38-	03					GLOB UNIF		WV	0	6
2593	LOAD Z	622 703	14.39	02	7.38	02					GLOB UNIF		WV	0	6
2594	LOAD X	625 706	15.30	1	6.63	1					GLOB UNIF		WV	0	6
2595	LOAD Y	625 706	15.30-	1	6.63-	1					GLOB UNIF		WV	0	6
2596	LOAD Y	624 701	14.65-	03	7.29-	02					GLOB UNIF		WV	0	6
2597	LOAD Z	624 701	14.65	03	7.29	03					GLOB UNIF		WV	0	6

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - ML# 105.0 FEET - 50 YR STORM

LINE NO.	1	2	3	4	5	6	7	8
2598	LOAD Y 701 702	0.00- 02	18.76- 02			GLOB UNIF	WV 0 6	
2599	LOAD Z 701 702	0.00 1	18.76 1			GLOB UNIF	WV 0 6	
2600	LOAD Y 702 703	0.00- 02	18.76- 02			GLOB UNIF	WV 0 6	
2601	LOAD Z 702 703	0.00 1	18.76 1			GLOB UNIF	WV 0 6	
2602	LOAD X 703 705	0.00 1	18.75 1			GLOB UNIF	WV 0 6	
2603	LOAD Y 703 705	0.00	18.75- 1			GLOB UNIF	WV 0 6	
2604	LOAD Z 703 705	0.00 1	18.75 1			GLOB UNIF	WV 0 6	
2605	LOAD X 705 706	0.00 1	18.76 1			GLOB UNIF	WV 0 6	
2606	LOAD Y 705 706	0.00- 1	18.76- 1			GLOB UNIF	WV 0 6	
2607	LOAD Z 705 706	0.00 1	18.76 1			GLOB UNIF	WV 0 6	
2608	LOAD X 701 704	0.00- 1	18.75- 1			GLOB UNIF	WV 0 6	
2609	LOAD Y 701 704	0.00	18.75- 1			GLOB UNIF	WV 0 6	
2610	LOAD Z 701 704	0.00 1	18.75 1			GLOB UNIF	WV 0 6	
2611	LOAD X 704 706	0.00- 1	18.76- 1			GLOB UNIF	WV 0 6	
2612	LOAD Y 704 706	0.00- 1	18.76- 1			GLOB UNIF	WV 0 6	
2613	LOAD Z 704 706	0.00 1	18.76 1			GLOB UNIF	WV 0 6	
2614	LOAD X 702 704	0.00 1	18.75 1			GLOB UNIF	WV 0 6	
2615	LOAD Z 702 704	0.00 1	18.75 1			GLOB UNIF	WV 0 6	
2616	LOAD X 702 705	0.00- 1	18.75- 1			GLOB UNIF	WV 0 6	
2617	LOAD Z 702 705	0.00 1	18.75 1			GLOB UNIF	WV 0 6	
2618	LOAD Y 704 705	0.00- 02	18.76- 02			GLOB UNIF	WV 0 6	
2619	LOAD Z 704 705	0.00 1	18.76 1			GLOB UNIF	WV 0 6	
2620	LOAD X 701 806	0.00- 1	50.16- 02			GLOB UNIF	WV 0 6	
2621	LOAD Y 701 806	3.59	46.58- 1			GLOB UNIF	WV 0 6	
2622	LOAD Z 701 806	0.00 1	29.51			GLOB UNIF	WV 0 6	
2623	LOAD Z 701 806	29.51	20.65- 1			GLOB UNIF	WV 0 6	
2624	LOAD X 703 801	0.00 1	50.16 1			GLOB UNIF	WV 0 6	
2625	LOAD Y 703 801	0.00- 03	50.16- 03			GLOB UNIF	WV 0 6	
2626	LOAD Z 703 801	0.00 02	50.16 02			GLOB UNIF	WV 0 6	
2627	LOAD Y 705 803	0.00- 03	50.16- 02			GLOB UNIF	WV 0 6	
2628	LOAD Z 705 803	0.00 03	50.16 02			GLOB UNIF	WV 0 6	
2629	LOAD Y 801 802	0.00- 02	22.79- 02			GLOB UNIF	WV 0 6	
2630	LOAD Z 801 802	0.00 1	22.79 1			GLOB UNIF	WV 0 6	
2631	LOAD Y 802 803	0.00- 02	22.79- 02			GLOB UNIF	WV 0 6	
2632	LOAD Z 802 803	0.00 1	22.79 1			GLOB UNIF	WV 0 6	
2633	LOAD X 803 805	0.00 1	22.79 1			GLOB UNIF	WV 0 6	
2634	LOAD Y 803 805	0.00- 1	22.79- 1			GLOB UNIF	WV 0 6	
2635	LOAD Z 803 805	0.00 1	22.79 1			GLOB UNIF	WV 0 6	
2636	LOAD X 805 806	0.00 1	22.80 1			GLOB UNIF	WV 0 6	
2637	LOAD Y 805 806	0.00- 1	22.80- 1			GLOB UNIF	WV 0 6	
2638	LOAD Z 805 806	0.00 1	22.80 1			GLOB UNIF	WV 0 6	
2639	LOAD X 801 804	0.00- 1	22.79- 1			GLOB UNIF	WV 0 6	
2640	LOAD Y 801 804	0.00- 1	22.79- 1			GLOB UNIF	WV 0 6	
2641	LOAD Z 801 804	0.00 1	22.79 1			GLOB UNIF	WV 0 6	
2642	LOAD X 804 806	0.00- 1	22.80- 1			GLOB UNIF	WV 0 6	
2643	LOAD Y 804 806	0.00- 1	22.80- 1			GLOB UNIF	WV 0 6	
2644	LOAD Z 804 806	0.00 1	22.80 1			GLOB UNIF	WV 0 6	
2645	LOAD X 802 804	0.00 1	22.80 1			GLOB UNIF	WV 0 6	
2646	LOAD Y 802 804	0.00- 1	22.80- 1			GLOB UNIF	WV 0 6	

STRAN INPUT DATA

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    2647 LOAD X  802 805    0.00-    1  22.80-    1                   GLOB UNIF  WV 0 6
    2648 LOAD Y  802 805    0.00-    1  22.80-    1                   GLOB UNIF  WV 0 6
    2649 LOAD Y  804 805    0.00-   03  22.80-   03                   GLOB UNIF  WV 0 6
    2650 LOAD X  801 903    0.00-    1  29.80-    1                   GLOB UNIF  WV 0 6
    2651 LOAD Y  801 903    0.00-   03  29.80-   03                   GLOB UNIF  WV 0 6
    2652 LOAD Z  801 903    0.00     02  29.80     1                   GLOB UNIF  WV 0 6
    2653 LOAD X  801 903   29.80-    1  29.80                         GLOB UNIF  WV 0 6
    2654 LOAD Y  801 903   29.80-   03  29.80-   03                   GLOB UNIF  WV 0 6
    2655 LOAD Z  801 903   29.80     1   29.80     1                   GLOB UNIF  WV 0 6
    2656 LOAD X  803 906    0.00     1   59.60    02                   GLOB UNIF  WV 0 6
    2657 LOAD Y  803 906    0.00         59.60-   02                   GLOB UNIF  WV 0 6
    2658 LOAD Z  803 906   12.96        46.64-   02                   GLOB UNIF  WV 0 6
    2659 LOAD X  806 901    0.00-    1  59.60-    1                   GLOB UNIF  WV 0 6
    2660 LOAD Y  806 901    0.00-   03  59.60-   02                   GLOB UNIF  WV 0 6
    2661 LOAD Z  806 901    0.00     03  59.60     02                  GLOB UNIF  WV 0 6
    2662 LOAD Y  901 902    0.00-   03  27.42-   03                   GLOB UNIF  WV 0 6
    2663 LOAD Z  901 902    0.00     1   27.42     1                   GLOB UNIF  WV 0 6
    2664 LOAD Y  902 903    0.00-   03  27.42-   03                   GLOB UNIF  WV 0 6
    2665 LOAD Z  902 903    0.00     1   27.42     1                   GLOB UNIF  WV 0 6
    2666 LOAD X  903 905    0.00     1   27.41    02                   GLOB UNIF  WV 0 6
    2667 LOAD Y  903 905    0.00-    1   27.41-    1                   GLOB UNIF  WV 0 6
    2668 LOAD Z  903 905    0.00     1   27.41                         GLOB UNIF  WV 0 6
    2669 LOAD X  905 906    0.00     02  27.42    02                   GLOB UNIF  WV 0 6
    2670 LOAD Y  905 906    0.00-    1   27.42-    1                   GLOB UNIF  WV 0 6
    2671 LOAD X  901 904    0.00-    1   27.41-   02                   GLOB UNIF  WV 0 6
    2672 LOAD Y  901 904    0.00-    1   27.41-    1                   GLOB UNIF  WV 0 6
    2673 LOAD Z  901 904    0.00     1   27.41                         GLOB UNIF  WV 0 6
    2674 LOAD X  904 906    0.00-    02  27.42-   02                   GLOB UNIF  WV 0 6
    2675 LOAD Y  904 906    0.00-    1   27.42-    1                   GLOB UNIF  WV 0 6
    2676 LOAD X  902 904    0.00     1   27.41     1                   GLOB UNIF  WV 0 6
    2677 LOAD Y  902 904    0.00-    1   27.41-    1                   GLOB UNIF  WV 0 6
    2678 LOAD X  902 905    0.00-    1   27.41-    1                   GLOB UNIF  WV 0 6
    2679 LOAD Y  902 905    0.00-    1   27.41-    1                   GLOB UNIF  WV 0 6
    2680 LOAD Y  904 905    0.00-   03  27.42-   03                   GLOB UNIF  WV 0 6
    2681 LOAD Y 9011002     0.00-   03  14.08-   04                   GLOB UNIF  WV 0 6
    2682 LOAD Y 9011002    14.08-   04  14.08-   04                   GLOB UNIF  WV 0 6
    2683 LOAD Y 9011002    28.15-   04  14.08-   05                   GLOB UNIF  WV 0 6
    2684 LOAD Y 9031002     0.00-   03  14.08-   04                   GLOB UNIF  WV 0 6
    2685 LOAD Y 9031002    14.08-   04  14.08-   04                   GLOB UNIF  WV 0 6
    2686 LOAD Y 9031002    28.15-   04  14.08-   05                   GLOB UNIF  WV 0 6
    2687 LOAD X 9031005     0.00     1   21.11     1                   GLOB UNIF  WV 0 6
    2688 LOAD Y 9031005     0.00-    02  21.11-   03                   GLOB UNIF  WV 0 6
    2689 LOAD Z 9031005     0.00-    1   21.11-   02                   GLOB UNIF  WV 0 6
    2690 LOAD X 9031005    21.11     1   21.11     1                   GLOB UNIF  WV 0 6
    2691 LOAD Y 9031005    21.11-   03  21.11-   04                   GLOB UNIF  WV 0 6
    2692 LOAD Z 9031005    21.11-   02  21.11-   03                   GLOB UNIF  WV 0 6
    2693 LOAD X 9061005     0.00     1   14.07     1                   GLOB UNIF  WV 0 6
    2694 LOAD Y 9061005     0.00-    04  14.07-   04                   GLOB UNIF  WV 0 6
    2695 LOAD Z 9061005     0.00     02  14.07     02                  GLOB UNIF  WV 0 6
```

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                                1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    2696 LOAD X  9061005   14.07     1  14.07     1                    GLOB UNIF     WV 0 6
    2697 LOAD Y  9061005   14.07-   04  14.07-   04                    GLOB UNIF     WV 0 6
    2698 LOAD Z  9061005   14.07    02  14.07    03                    GLOB UNIF     WV 0 6
    2699 LOAD X  9061005   28.15     1  14.07     1                    GLOB UNIF     WV 0 6
    2700 LOAD Y  9061005   28.15-   04  14.07-   05                    GLOB UNIF     WV 0 6
    2701 LOAD Z  9061005   28.15    03  14.07    03                    GLOB UNIF     WV 0 6
    2702 LOAD X  9011004    0.00-    1  21.11-    1                    GLOB UNIF     WV 0 6
    2703 LOAD Y  9011004    0.00-   02  21.11-   03                    GLOB UNIF     WV 0 6
    2704 LOAD Z  9011004    0.00-    1  21.11-   02                    GLOB UNIF     WV 0 6
    2705 LOAD X  9011004   21.11-    1  21.11-    1                    GLOB UNIF     WV 0 6
    2706 LOAD Y  9011004   21.11-   03  21.11-   04                    GLOB UNIF     WV 0 6
    2707 LOAD Z  9011004   21.11-   02  21.11-   03                    GLOB UNIF     WV 0 6
    2708 LOAD X  9061004    0.00-    1  14.07-    1                    GLOB UNIF     WV 0 6
    2709 LOAD Y  9061004    0.00-   04  14.07-   04                    GLOB UNIF     WV 0 6
    2710 LOAD Z  9061004    0.00    02  14.07    02                    GLOB UNIF     WV 0 6
    2711 LOAD X  9061004   14.07-    1  14.07-    1                    GLOB UNIF     WV 0 6
    2712 LOAD Y  9061004   14.07-   04  14.07-   04                    GLOB UNIF     WV 0 6
    2713 LOAD Z  9061004   14.07    02  14.07    03                    GLOB UNIF     WV 0 6
    2714 LOAD X  9061004   28.15-    1  14.07-    1                    GLOB UNIF     WV 0 6
    2715 LOAD Y  9061004   28.15-   04  14.07-   05                    GLOB UNIF     WV 0 6
    2716 LOAD Z  9061004   28.15    03  14.07    03                    GLOB UNIF     WV 0 6
    2717 LOAD Y 10011002    0.00-   05  32.04-   05                    GLOB UNIF     WV 0 6
    2718 LOAD Y 10021003    0.00-   05  32.04-   05                    GLOB UNIF     WV 0 6
    2719 LOAD X 10031005    0.00    02  32.04    03                    GLOB UNIF     WV 0 6
    2720 LOAD Y 10031005    0.00-    1  32.04-   02                    GLOB UNIF     WV 0 6
    2721 LOAD X 10051006    0.00    03  32.04    03                    GLOB UNIF     WV 0 6
    2722 LOAD Y 10051006    0.00-   02  32.04-   02                    GLOB UNIF     WV 0 6
    2723 LOAD X 10011004    0.00-   02  32.04-   03                    GLOB UNIF     WV 0 6
    2724 LOAD Y 10011004    0.00-    1  32.04-   02                    GLOB UNIF     WV 0 6
    2725 LOAD X 10041006    0.00-   03  32.04-   03                    GLOB UNIF     WV 0 6
    2726 LOAD Y 10041006    0.00-   02  32.04-   02                    GLOB UNIF     WV 0 6
    2727 LOAD X 10021004    0.00    02  32.04    02                    GLOB UNIF     WV 0 6
    2728 LOAD Y 10021004    0.00-    1  32.04-    1                    GLOB UNIF     WV 0 6
    2729 LOAD X 10021005    0.00-   02  32.04-   02                    GLOB UNIF     WV 0 6
    2730 LOAD Y 10021005    0.00-    1  32.04-    1                    GLOB UNIF     WV 0 6
    2731 LOAD Y 10041005    0.00-   05  32.04-   05                    GLOB UNIF     WV 0 6
    2732 LOAD X  651 701    2.63    04   4.47    04                    GLOB UNIF     WV 0 6
    2733 LOAD Y  651 701    2.63    03   4.47    04                    GLOB UNIF     WV 0 6
    2734 LOAD X  653 703    2.63-   04   4.47-   04                    GLOB UNIF     WV 0 6
    2735 LOAD Y  653 703    2.63    03   4.47    04                    GLOB UNIF     WV 0 6
    2736 LOAD Y  656 706    5.17    02   5.92    02                    GLOB UNIF     WV 0 6
    2737 LOAD X  701 801    0.00    04   9.46    03                    GLOB UNIF     WV 0 6
    2738 LOAD Y  701 801    0.00    03   9.46    04                    GLOB UNIF     WV 0 6
    2739 LOAD X  701 801    9.46    03   9.46    03                    GLOB UNIF     WV 0 6
    2740 LOAD Y  701 801    9.46    04   9.46    05                    GLOB UNIF     WV 0 6
    2741 LOAD X  701 801   18.92    03   9.46    03                    GLOB UNIF     WV 0 6
    2742 LOAD Y  701 801   18.92    05   9.46    06                    GLOB UNIF     WV 0 6
    2743 LOAD X  703 803    0.00-   04   9.46-   03                    GLOB UNIF     WV 0 6
    2744 LOAD Y  703 803    0.00    03   9.46    04                    GLOB UNIF     WV 0 6
```

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    2745 LOAD X  703 803    9.46-   03   9.46-   03                   GLOB UNIF    WV 0 6
    2746 LOAD Y  703 803    9.46    04   9.46    05                   GLOB UNIF    WV 0 6
    2747 LOAD X  703 803   18.92-   03   9.46-   03                   GLOB UNIF    WV 0 6
    2748 LOAD Y  703 803   18.92    03   9.46    06                   GLOB UNIF    WV 0 6
    2749 LOAD Y  706 806    0.00     1  17.03                         GLOB UNIF    WV 0 6
    2750 LOAD Y  706 806   17.03        11.55-    1                   GLOB UNIF    WV 0 6
    2751 LOAD X  801 901    0.00    03  10.22    02                   GLOB UNIF    WV 0 6
    2752 LOAD Y  801 901    0.00    06  10.22    07                   GLOB UNIF    WV 0 6
    2753 LOAD X  801 901   10.22    02  10.22    02                   GLOB UNIF    WV 0 6
    2754 LOAD Y  801 901   10.22    07  10.22    08                   GLOB UNIF    WV 0 6
    2755 LOAD X  803 903    0.00-   03  10.22-   02                   GLOB UNIF    WV 0 6
    2756 LOAD Y  803 903    0.00    06  10.22    07                   GLOB UNIF    WV 0 6
    2757 LOAD X  803 903   10.22-   02  10.22-   02                   GLOB UNIF    WV 0 6
    2758 LOAD Y  803 903   10.22    07  10.22    08                   GLOB UNIF    WV 0 6
    2759 LOAD Y  806 906    0.00-    1  32.44-   05                   GLOB UNIF    WV 0 6
    2760 LOAD Z  806 906    0.00        32.44-    1                   GLOB UNIF    WV 0 6
    2761 LOAD X 9011001     0.00    02  10.22     1                   GLOB UNIF    WV 0 6
    2762 LOAD Y 9011001     0.00    08  10.22    07                   GLOB UNIF    WV 0 6
    2763 LOAD X 9011001    10.22     1  10.22                         GLOB UNIF    WV 0 6
    2764 LOAD Y 9011001    10.22    07  10.22    06                   GLOB UNIF    WV 0 6
    2765 LOAD X 9031003     0.00-   02  10.22-    1                   GLOB UNIF    WV 0 6
    2766 LOAD Y 9031003     0.00    06  10.22    07                   GLOB UNIF    WV 0 6
    2767 LOAD X 9031003    10.22-    1  10.22                         GLOB UNIF    WV 0 6
    2768 LOAD Y 9031003    10.22    07  10.22    06                   GLOB UNIF    WV 0 6
    2769 LOAD Y 9061006     0.00-   05  32.44-   12                   GLOB UNIF    WV 0 6
    2770 LOAD Z 9061006     0.00-    1  32.44-   02                   GLOB UNIF    WV 0 6
    2771 LOADCN 7
    2772 LOAD X  510 710    7.59-   135                               GLOB CONC    WN 0 7
    2773 LOAD Y  510 710                                7.59-106399 GLOB MOMT    WN 0 7
    2774 LOAD Y  510 710    7.59-   234                               GLOB CONC    WN 0 7
    2775 LOAD X  510 710                                7.59 184288 GLOB MOMT    WN 0 7
    2776 LOAD X  511 711    7.59-   135                               GLOB CONC    WN 0 7
    2777 LOAD Y  511 711                                7.59-106399 GLOB MOMT    WN 0 7
    2778 LOAD Y  511 711    7.59-   234                               GLOB CONC    WN 0 7
    2779 LOAD X  511 711                                7.59 184288 GLOB MOMT    WN 0 7
    2780 LOAD X  512 712    7.59-   135                               GLOB CONC    WN 0 7
    2781 LOAD Y  512 712                                7.59-106399 GLOB MOMT    WN 0 7
    2782 LOAD Y  512 712    7.59-   234                               GLOB CONC    WN 0 7
    2783 LOAD X  512 712                                7.59 184288 GLOB MOMT    WN 0 7
    2784 LOAD X  510 710    7.59-   137                               GLOB CONC    WN 0 7
    2785 LOAD Y  510 710                                7.59- 98656 GLOB MOMT    WN 0 7
    2786 LOAD Y  510 710    7.59-   236                               GLOB CONC    WN 0 7
    2787 LOAD X  510 710                                7.59 170877 GLOB MOMT    WN 0 7
    2788 LOAD X  511 711    7.59-   137                               GLOB CONC    WN 0 7
    2789 LOAD Y  511 711                                7.59- 98656 GLOB MOMT    WN 0 7
    2790 LOAD Y  511 711    7.59-   236                               GLOB CONC    WN 0 7
    2791 LOAD X  511 711                                7.59 170877 GLOB MOMT    WN 0 7
    2792 LOAD X  512 712    7.59-   137                               GLOB CONC    WN 0 7
    2793 LOAD Y  512 712                                7.59- 98656 GLOB MOMT    WN 0 7
```

STRAN INPUT DATA

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																			
2794	LOAD	Y	512	712	7.59-		230									GLOB	CONC	WN	0	7
2795	LOAD	X	512	712									7.59	170877		GLOB	MOMT	WN	0	7
2796	LOAD	X	622	703	15.20-		1	6.57-		1						GLOB	UNIF	WV	0	7
2797	LOAD	Y	622	703	15.20		03	6.57		03						GLOB	UNIF	WV	0	7
2798	LOAD	Z	622	703	15.20		1	6.57		1						GLOB	UNIF	WV	0	7
2799	LOAD	X	625	706	14.42		1	7.51		1						GLOB	UNIF	WV	0	7
2800	LOAD	Y	625	706	14.42		02	7.51		02						GLOB	UNIF	WV	0	7
2801	LOAD	Z	625	706	14.42		03	7.51		03						GLOB	UNIF	WV	0	7
2802	LOAD	X	624	701	14.76		03	7.17		03						GLOB	UNIF	WV	0	7
2803	LOAD	Y	624	701	14.76		1	7.17		1						GLOB	UNIF	WV	0	7
2804	LOAD	Z	624	701	14.76		1	7.17		1						GLOB	UNIF	WV	0	7
2805	LOAD	Y	701	702	0.00		02	18.76		02						GLOB	UNIF	WV	0	7
2806	LOAD	Z	701	702	0.00		1	18.76		1						GLOB	UNIF	WV	0	7
2807	LOAD	Y	702	703	0.00		02	18.76		02						GLOB	UNIF	WV	0	7
2808	LOAD	Z	702	703	0.00		1	18.76		1						GLOB	UNIF	WV	0	7
2809	LOAD	Z	703	705	0.00		1	9.38		1						GLOB	UNIF	WV	0	7
2810	LOAD	Z	703	705	9.38		1	9.38		1						GLOB	UNIF	WV	0	7
2811	LOAD	Z	705	706	0.00		1	6.25		1						GLOB	UNIF	WV	0	7
2812	LOAD	Z	705	706	6.25		1	6.25		1						GLOB	UNIF	WV	0	7
2813	LOAD	Z	705	706	12.51		1	6.25		1						GLOB	UNIF	WV	0	7
2814	LOAD	X	701	704	0.00		02	18.75		02						GLOB	UNIF	WV	0	7
2815	LOAD	Y	701	704	0.00		1	18.75		1						GLOB	UNIF	WV	0	7
2816	LOAD	Z	701	704	0.00		1	18.75		1						GLOB	UNIF	WV	0	7
2817	LOAD	X	704	706	0.00		02	18.76		1						GLOB	UNIF	WV	0	7
2818	LOAD	Y	704	706	0.00		1	18.76		1						GLOB	UNIF	WV	0	7
2819	LOAD	Z	704	706	0.00		1	18.76		1						GLOB	UNIF	WV	0	7
2820	LOAD	Z	702	704	0.00		1	6.25		1						GLOB	UNIF	WV	0	7
2821	LOAD	Z	702	704	6.25		1	6.25		1						GLOB	UNIF	WV	0	7
2822	LOAD	Z	702	704	12.50		1	6.25		1						GLOB	UNIF	WV	0	7
2823	LOAD	X	702	705	0.00		02	18.75		02						GLOB	UNIF	WV	0	7
2824	LOAD	Y	702	705	0.00		1	18.75		1						GLOB	UNIF	WV	0	7
2825	LOAD	Z	702	705	0.00		1	18.75		1						GLOB	UNIF	WV	0	7
2826	LOAD	Y	704	705	0.00		02	18.76		02						GLOB	UNIF	WV	0	7
2827	LOAD	Z	704	705	0.00		1	18.76		1						GLOB	UNIF	WV	0	7
2828	LOAD	X	701	806	0.00		1	50.16		1						GLOB	UNIF	WV	0	7
2829	LOAD	Y	701	806	0.00		03	50.16		02						GLOB	UNIF	WV	0	7
2830	LOAD	Z	701	806	0.00		03	50.16		02						GLOB	UNIF	WV	0	7
2831	LOAD	X	703	801	0.00		02	50.16		1						GLOB	UNIF	WV	0	7
2832	LOAD	Y	703	801	0.00		03	50.16		03						GLOB	UNIF	WV	0	7
2833	LOAD	Z	703	801	0.00		02	50.16		02						GLOB	UNIF	WV	0	7
2834	LOAD	Y	706	803	0.00-		1	25.08								GLOB	UNIF	WV	0	7
2835	LOAD	Y	706	803	25.08			25.08		1						GLOB	UNIF	WV	0	7
2836	LOAD	Z	706	803	0.00		1	50.09								GLOB	UNIF	WV	0	7
2837	LOAD	Z	706	803	30.09			20.08-		1						GLOB	UNIF	WV	0	7
2838	LOAD	Y	801	802	0.00		02	22.79		03						GLOB	UNIF	WV	0	7
2839	LOAD	Z	801	802	0.00		1	22.79		1						GLOB	UNIF	WV	0	7
2840	LOAD	Y	802	803	0.00		03	22.79		03						GLOB	UNIF	WV	0	7
2841	LOAD	Z	802	803	0.00		1	22.79		1						GLOB	UNIF	WV	0	7
2842	LOAD	Z	803	805	0.00		1	11.40		1						GLOB	UNIF	WV	0	7

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2643	LOAD Z 803 805	11.40		1	11.40		1				GLOB UNIF		WV 0 7		
2644	LOAD Z 805 806	0.00		1	7.60		1				GLOB UNIF		WV 0 7		
2645	LOAD Z 805 806	7.60		1	7.60		1				GLOB UNIF		WV 0 7		
2646	LOAD Z 805 806	15.20		1	7.60		1				GLOB UNIF		WV 0 7		
2647	LOAD X 801 804	0.00		02	22.79		02				GLOB UNIF		WV 0 7		
2648	LOAD Y 801 804	0.00		1	22.79		1				GLOB UNIF		WV 0 7		
2649	LOAD Z 801 804	0.00		1	22.79		1				GLOB UNIF		WV 0 7		
2650	LOAD X 804 806	0.00		02	22.80		02				GLOB UNIF		WV 0 7		
2651	LOAD Y 804 806	0.00		1	22.80		1				GLOB UNIF		WV 0 7		
2652	LOAD Z 804 806	0.00		1	22.80		1				GLOB UNIF		WV 0 7		
2653	LOAD X 802 805	0.00		02	22.80		02				GLOB UNIF		WV 0 7		
2654	LOAD Y 802 805	0.00		1	22.80		1				GLOB UNIF		WV 0 7		
2655	LOAD Y 804 805	0.00		02	22.80		02				GLOB UNIF		WV 0 7		
2656	LOAD Y 801 903	0.00		05	54.60		05				GLOB UNIF		WV 0 7		
2657	LOAD Z 801 903	0.00		1	25.54						GLOB UNIF		WV 0 7		
2658	LOAD Z 801 903	25.54			54.06-		1				GLOB UNIF		WV 0 7		
2659	LOAD X 803 906	0.00		1	29.80		1				GLOB UNIF		WV 0 7		
2660	LOAD Y 803 906	0.00		02	29.80		1				GLOB UNIF		WV 0 7		
2661	LOAD Z 803 906	0.00		03	29.80		03				GLOB UNIF		WV 0 7		
2662	LOAD X 803 906	29.80		1	29.80		1				GLOB UNIF		WV 0 7		
2663	LOAD Y 803 906	29.80		1	29.80		1				GLOB UNIF		WV 0 7		
2664	LOAD Z 803 906	29.80		03	29.80		02				GLOB UNIF		WV 0 7		
2665	LOAD X 806 901	0.00		02	29.80		02				GLOB UNIF		WV 0 7		
2666	LOAD Y 806 901	0.00			29.80		1				GLOB UNIF		WV 0 7		
2667	LOAD Z 806 901	0.00		1	29.80						GLOB UNIF		WV 0 7		
2668	LOAD X 806 901	29.80		02	29.80		03				GLOB UNIF		WV 0 7		
2669	LOAD Y 806 901	29.80		1	29.80		02				GLOB UNIF		WV 0 7		
2670	LOAD Y 901 902	0.00		03	27.42		04				GLOB UNIF		WV 0 7		
2671	LOAD Z 901 902	0.00		1	27.42						GLOB UNIF		WV 0 7		
2672	LOAD Y 902 903	0.00		04	27.42		04				GLOB UNIF		WV 0 7		
2673	LOAD Z 903 905	13.71			13.71		1				GLOB UNIF		WV 0 7		
2674	LOAD Z 905 906	0.00		1	13.71		1				GLOB UNIF		WV 0 7		
2675	LOAD Z 905 906	13.71		1	13.71		1				GLOB UNIF		WV 0 7		
2676	LOAD X 901 904	0.00		03	27.41		03				GLOB UNIF		WV 0 7		
2677	LOAD Y 901 904	0.00		02	27.41		1				GLOB UNIF		WV 0 7		
2678	LOAD Z 901 904	0.00		1	27.41		1				GLOB UNIF		WV 0 7		
2679	LOAD X 904 906	0.00		03	27.42		02				GLOB UNIF		WV 0 7		
2680	LOAD Y 904 906	0.00		1	27.42		1				GLOB UNIF		WV 0 7		
2681	LOAD Z 904 906	0.00		1	27.42		1				GLOB UNIF		WV 0 7		
2682	LOAD X 902 905	0.00		03	27.41		02				GLOB UNIF		WV 0 7		
2683	LOAD Y 902 905	0.00		1	27.41		1				GLOB UNIF		WV 0 7		
2684	LOAD Y 904 905	0.00		02	27.42		03				GLOB UNIF		WV 0 7		
2685	LOAD X 9011002	0.00		1	21.11		1				GLOB UNIF		WV 0 7		
2686	LOAD Y 9011002	0.00		03	21.11		04				GLOB UNIF		WV 0 7		
2687	LOAD Z 9011002	0.00-		1	21.11-		1				GLOB UNIF		WV 0 7		
2688	LOAD X 9011002	21.11		1	21.11		02				GLOB UNIF		WV 0 7		
2689	LOAD Y 9011002	21.11		04	21.11		06				GLOB UNIF		WV 0 7		
2690	LOAD Z 9011002	21.11-		1	21.11-		02				GLOB UNIF		WV 0 7		
2691	LOAD X 9031002	0.00		02	14.08		02				GLOB UNIF		WV 0 7		

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2892	LOAD Y	9031002	0.00	05	14.08	05					GLOB UNIF		WV 0 7		
2893	LOAD Z	9031002	0.00	1	14.08	1					GLOB UNIF		WV 0 7		
2894	LOAD X	9031002	14.08	02	14.08	02					GLOB UNIF		WV 0 7		
2895	LOAD Y	9031002	14.08	05	14.08	05					GLOB UNIF		WV 0 7		
2896	LOAD Z	9031002	14.08	1	14.08	1					GLOB UNIF		WV 0 7		
2897	LOAD X	9031002	28.15	02	14.08	02					GLOB UNIF		WV 0 7		
2898	LOAD Y	9031002	28.15	05	14.08	06					GLOB UNIF		WV 0 7		
2899	LOAD Z	9031002	28.15	1	14.08	1					GLOB UNIF		WV 0 7		
2900	LOAD X	9031005	0.00	02	14.08	02					GLOB UNIF		WV 0 7		
2901	LOAD Y	9031005	0.00	03	14.08	03					GLOB UNIF		WV 0 7		
2902	LOAD Z	9031005	0.00	03	14.08	03					GLOB UNIF		WV 0 7		
2903	LOAD X	9031005	14.08	02	14.08	02					GLOB UNIF		WV 0 7		
2904	LOAD Y	9031005	14.08	03	14.08	03					GLOB UNIF		WV 0 7		
2905	LOAD Z	9031005	14.08	03	14.08	03					GLOB UNIF		WV 0 7		
2906	LOAD X	9031005	28.15	02	14.08	02					GLOB UNIF		WV 0 7		
2907	LOAD Y	9031005	28.15	03	14.08	03					GLOB UNIF		WV 0 7		
2908	LOAD Z	9031005	28.15	03	14.08	03					GLOB UNIF		WV 0 7		
2909	LOAD X	9061005	0.00		21.11	1					GLOB UNIF		WV 0 7		
2910	LOAD Y	9061005	0.00	1	21.11	02					GLOB UNIF		WV 0 7		
2911	LOAD Z	9061005	0.00-	1	21.11-	02					GLOB UNIF		WV 0 7		
2912	LOAD X	9061005	21.11	1	21.11	1					GLOB UNIF		WV 0 7		
2913	LOAD Y	9061005	21.11	02	21.11	03					GLOB UNIF		WV 0 7		
2914	LOAD Z	9061005	21.11-	02	21.11-	03					GLOB UNIF		WV 0 7		
2915	LOAD X	9011004	0.00	02	14.08	03					GLOB UNIF		WV 0 7		
2916	LOAD Y	9011004	0.00	03	14.08	05					GLOB UNIF		WV 0 7		
2917	LOAD Z	9011004	0.00	1	14.08	1					GLOB UNIF		WV 0 7		
2918	LOAD X	9011004	14.08	03	14.08	03					GLOB UNIF		WV 0 7		
2919	LOAD Y	9011004	14.08	03	14.08	03					GLOB UNIF		WV 0 7		
2920	LOAD Z	9011004	14.08	1	14.08	1					GLOB UNIF		WV 0 7		
2921	LOAD X	9011004	28.15	03	14.08	03					GLOB UNIF		WV 0 7		
2922	LOAD Y	9011004	28.15	03	14.08	03					GLOB UNIF		WV 0 7		
2923	LOAD Z	9011004	28.15	1	14.08	1					GLOB UNIF		WV 0 7		
2924	LOAD X	9061004	0.00	02	14.07	02					GLOB UNIF		WV 0 7		
2925	LOAD Y	9061004	0.00	02	14.07	02					GLOB UNIF		WV 0 7		
2926	LOAD X	9061004	14.07	02	14.07	03					GLOB UNIF		WV 0 7		
2927	LOAD Y	9061004	14.07	02	14.07	03					GLOB UNIF		WV 0 7		
2928	LOAD Z	9061004	14.07		14.07-	1					GLOB UNIF		WV 0 7		
2929	LOAD X	9061004	28.15	03	14.07	03					GLOB UNIF		WV 0 7		
2930	LOAD Y	9061004	28.15	03	14.07	04					GLOB UNIF		WV 0 7		
2931	LOAD Z	9061004	28.15-	1	14.07-	1					GLOB UNIF		WV 0 7		
2932	LOAD Y	10011002	0.00	05	52.04	06					GLOB UNIF		WV 0 7		
2933	LOAD Y	10021003	0.00	06	52.04	07					GLOB UNIF		WV 0 7		
2934	LOAD X	10011004	0.00	05	52.04	04					GLOB UNIF		WV 0 7		
2935	LOAD Y	10011004	0.00	03	52.04	02					GLOB UNIF		WV 0 7		
2936	LOAD X	10041006	0.00	04	52.04	03					GLOB UNIF		WV 0 7		
2937	LOAD Y	10041006	0.00	02	52.04	02					GLOB UNIF		WV 0 7		
2938	LOAD X	10021005	0.00	04	52.04	04					GLOB UNIF		WV 0 7		
2939	LOAD Y	10021005	0.00	02	52.04	02					GLOB UNIF		WV 0 7		
2940	LOAD Y	10041005	0.00	04	52.04	04					GLOB UNIF		WV 0 7		

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.																					
2941	LOAD	X	651	701	2.84		03	4.26		02					GLOB	UNIF		WV	0	7
2942	LOAD	Y	651	701	2.84-		05	4.26-		05					GLOB	UNIF		WV	0	7
2943	LOAD	Z	651	701	2.84		1	4.26		1					GLOB	UNIF		WV	0	7
2944	LOAD	X	653	703	3.16-		03	3.94-		03					GLOB	UNIF		WV	0	7
2945	LOAD	Y	653	703	3.16-		1	3.94-		1					GLOB	UNIF		WV	0	7
2946	LOAD	X	656	706	2.47-		04	4.63-		04					GLOB	UNIF		WV	0	7
2947	LOAD	Y	656	706	2.47-		1	4.63-		02					GLOB	UNIF		WV	0	7
2948	LOAD	X	701	801	0.00		02	14.19		1					GLOB	UNIF		WV	0	7
2949	LOAD	Y	701	801	0.00-		04	14.19-		04					GLOB	UNIF		WV	0	7
2950	LOAD	Z	701	801	0.00		1	14.19		1					GLOB	UNIF		WV	0	7
2951	LOAD	X	701	801	14.19		1	14.19		1					GLOB	UNIF		WV	0	7
2952	LOAD	Y	701	801	14.19-		04	14.19-		05					GLOB	UNIF		WV	0	7
2953	LOAD	Z	701	801	14.19		1	14.19							GLOB	UNIF		WV	0	7
2954	LOAD	X	703	803	0.00-		02	26.38-		1					GLOB	UNIF		WV	0	7
2955	LOAD	Y	703	803	2.58			25.80		1					GLOB	UNIF		WV	0	7
2956	LOAD	X	706	806	0.00-		03	9.46-		04					GLOB	UNIF		WV	0	7
2957	LOAD	Y	706	806	0.00-		1	9.46-		03					GLOB	UNIF		WV	0	7
2958	LOAD	X	706	806	9.46-		04	9.46-		05					GLOB	UNIF		WV	0	7
2959	LOAD	Y	706	806	9.46-		03	9.46-		04					GLOB	UNIF		WV	0	7
2960	LOAD	Z	706	806	9.46			9.46-		1					GLOB	UNIF		WV	0	7
2961	LOAD	X	706	806	18.92-		05	9.46-		05					GLOB	UNIF		WV	0	7
2962	LOAD	Y	706	806	18.92-		04	9.46-		06					GLOB	UNIF		WV	0	7
2963	LOAD	Z	706	806	18.92-		1	9.46-		1					GLOB	UNIF		WV	0	7
2964	LOAD	X	801	901	0.00		1	16.22							GLOB	UNIF		WV	0	7
2965	LOAD	Y	801	901	0.00-		05	16.22-		04					GLOB	UNIF		WV	0	7
2966	LOAD	Y	801	901	16.22-		04	16.22-		03					GLOB	UNIF		WV	0	7
2967	LOAD	X	803	903	0.00-		1	12.98							GLOB	UNIF		WV	0	7
2968	LOAD	X	803	903	12.98			19.47		1					GLOB	UNIF		WV	0	7
2969	LOAD	Y	803	903	0.00		1	32.44		04					GLOB	UNIF		WV	0	7
2970	LOAD	Z	803	903	4.63			27.81-		1					GLOB	UNIF		WV	0	7
2971	LOAD	X	806	906	0.00-		05	10.81-		06					GLOB	UNIF		WV	0	7
2972	LOAD	Y	806	906	0.00-		06	10.81-		07					GLOB	UNIF		WV	0	7
2973	LOAD	Z	806	906	0.00-		1	10.81-		1					GLOB	UNIF		WV	0	7
2974	LOAD	X	806	906	10.81-		06	10.81-		06					GLOB	UNIF		WV	0	7
2975	LOAD	Y	806	906	10.81-		07	10.81-		08					GLOB	UNIF		WV	0	7
2976	LOAD	Z	806	906	10.81-		1	10.81-		1					GLOB	UNIF		WV	0	7
2977	LOAD	X	806	906	21.63-		06	10.81-		07					GLOB	UNIF		WV	0	7
2978	LOAD	Y	806	906	21.63-		08	10.81-		09					GLOB	UNIF		WV	0	7
2979	LOAD	Z	806	906	21.63-		1	10.81-		02					GLOB	UNIF		WV	0	7
2980	LOAD	Y	901	1001	0.00-		03	16.22-		02					GLOB	UNIF		WV	0	7
2981	LOAD	Y	901	1001	16.22-		02	11.49							GLOB	UNIF		WV	0	7
2982	LOAD	Y	901	1001	20.21			4.23		1					GLOB	UNIF		WV	0	7
2983	LOAD	X	903	1003	0.00		1	16.22		03					GLOB	UNIF		WV	0	7
2984	LOAD	Y	903	1003	0.00		04	16.22		07					GLOB	UNIF		WV	0	7
2985	LOAD	Z	903	1003	0.00-		1	16.22-		1					GLOB	UNIF		WV	0	7
2986	LOAD	X	903	1003	16.22		03	16.22		05					GLOB	UNIF		WV	0	7
2987	LOAD	Y	903	1003	16.22		07	16.22		10					GLOB	UNIF		WV	0	7
2988	LOAD	Z	903	1003	16.22-		1	16.22-		02					GLOB	UNIF		WV	0	7
2989	LOAD	X	906	1006	0.00-		07	16.22-		07					GLOB	UNIF		WV	0	7

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8
2990	LOAD Y 9061006 0.00- 09 10.22- 10 GLOB UNIF WV 0 7
2991	LOAD Z 9061006 0.00- 02 10.22- 02 GLOB UNIF WV 0 7
2992	LOAD X 9061006 10.22- 07 10.22- 05 GLOB UNIF WV 0 7
2993	LOAD Y 9061006 10.22- 10 10.22- 10 GLOB UNIF WV 0 7
2994	LOAD Z 9061006 10.22- 02 10.22- 02 GLOB UNIF WV 0 7
2995	LOADLN 8
2996	LOAD Y 510 710 7.59- 271 GLOB CONC WN 0 8
2997	LOAD X 510 710 7.59 212797 GLOB MOMT WN 0 8
2998	LOAD Y 511 711 7.59- 271 GLOB CONC WN 0 8
2999	LOAD X 511 711 7.59 212797 GLOB MOMT WN 0 8
3000	LOAD Y 512 712 7.59- 271 GLOB CONC WN 0 8
3001	LOAD X 512 712 7.59 212797 GLOB MOMT WN 0 8
3002	LOAD Y 510 710 7.59- 275 GLOB CONC WN 0 8
3003	LOAD X 510 710 7.59 197312 GLOB MOMT WN 0 8
3004	LOAD Y 511 711 7.59- 275 GLOB CONC WN 0 8
3005	LOAD X 511 711 7.59 197312 GLOB MOMT WN 0 8
3006	LOAD Y 512 712 7.59- 275 GLOB CONC WN 0 8
3007	LOAD X 512 712 7.59 197312 GLOB MOMT WN 0 8
3008	LOAD X 622 703 15.09- 1 6.68- 1 GLOB UNIF WV 0 8
3009	LOAD Y 622 703 15.09 03 6.68 03 GLOB UNIF WV 0 8
3010	LOAD Z 622 703 15.09 02 6.68 1 GLOB UNIF WV 0 8
3011	LOAD Y 625 706 14.30 02 7.03 02 GLOB UNIF WV 0 8
3012	LOAD Z 625 706 14.30 03 7.03 03 GLOB UNIF WV 0 8
3013	LOAD X 624 701 15.06 02 6.68 02 GLOB UNIF WV 0 8
3014	LOAD Y 624 701 15.06 1 6.68 1 GLOB UNIF WV 0 8
3015	LOAD Y 701 702 0.00 02 10.76 02 GLOB UNIF WV 0 8
3016	LOAD Z 701 702 0.00 1 10.76 1 GLOB UNIF WV 0 8
3017	LOAD Y 702 703 0.00 02 10.76 02 GLOB UNIF WV 0 8
3018	LOAD Z 702 703 0.00 1 10.76 1 GLOB UNIF WV 0 8
3019	LOAD X 703 705 0.00- 1 10.75- 1 GLOB UNIF WV 0 8
3020	LOAD Y 703 705 0.00 1 10.75 1 GLOB UNIF WV 0 8
3021	LOAD Z 703 705 0.00 1 10.75 1 GLOB UNIF WV 0 8
3022	LOAD X 705 706 0.00- 1 10.76- 1 GLOB UNIF WV 0 8
3023	LOAD Y 705 706 0.00 1 10.76 GLOB UNIF WV 0 8
3024	LOAD Z 705 706 0.00 1 10.76 1 GLOB UNIF WV 0 8
3025	LOAD X 701 704 0.00 1 10.75 1 GLOB UNIF WV 0 8
3026	LOAD Y 701 704 0.00 1 10.75 1 GLOB UNIF WV 0 8
3027	LOAD Z 701 704 0.00 1 10.75 1 GLOB UNIF WV 0 8
3028	LOAD X 704 706 0.00 1 10.76 1 GLOB UNIF WV 0 8
3029	LOAD Y 704 706 0.00 1 10.76 GLOB UNIF WV 0 8
3030	LOAD Z 704 706 0.00 1 10.76 1 GLOB UNIF WV 0 8
3031	LOAD X 702 704 0.00- 1 10.75- 1 GLOB UNIF WV 0 8
3032	LOAD Y 702 704 0 1 10.75 GLOB UNIF WV 0 8
3033	LOAD Z 702 704 0 10.75 1 GLOB UNIF WV 0 8
3034	LOAD X 702 705 0.00 1 10.75 1 GLOB UNIF WV 0 8
3035	LOAD Y 702 705 0.00 1 10.75 GLOB UNIF WV 0 8
3036	LOAD Z 702 705 0.00 10.75 1 GLOB UNIF WV 0 8
3037	LOAD Y 704 705 0.00 02 10.76 02 GLOB UNIF WV 0 8
3038	LOAD Z 704 705 0.00 1 10.76 1 GLOB UNIF WV 0 8

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
3039	LOAD Y	701	806	0.00	02	50.16	02				GLOB	UNIF	WV	0	8
3040	LOAD Z	701	806	0.00	03	50.16	02				GLOB	UNIF	WV	0	8
3041	LOAD X	703	801	0.00	1	50.16	1				GLOB	UNIF	WV	0	8
3042	LOAD Y	703	801	0.00	03	50.16	04				GLOB	UNIF	WV	0	8
3043	LOAD Z	703	801	0.00	02	50.16	1				GLOB	UNIF	WV	0	8
3044	LOAD X	706	803	0.00-	1	50.16-	02				GLOB	UNIF	WV	0	8
3045	LOAD Y	706	803	0.69		43.47	1				GLOB	UNIF	WV	0	8
3046	LOAD Z	706	803	0.00	1	41.80					GLOB	UNIF	WV	0	8
3047	LOAD Y	801	802	0.00	03	22.79	03				GLOB	UNIF	WV	0	8
3048	LOAD Z	801	802	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3049	LOAD Y	802	803	0.00	03	22.79	03				GLOB	UNIF	WV	0	8
3050	LOAD Z	802	803	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3051	LOAD X	803	805	0.00-	1	22.79-	1				GLOB	UNIF	WV	0	8
3052	LOAD Y	803	805	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3053	LOAD Z	803	805	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3054	LOAD X	805	806	0.00-	1	22.80-	1				GLOB	UNIF	WV	0	8
3055	LOAD Y	805	806	0.00	1	22.80					GLOB	UNIF	WV	0	8
3056	LOAD Z	805	806	0.00	1	22.80	1				GLOB	UNIF	WV	0	8
3057	LOAD X	801	804	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3058	LOAD Y	801	804	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3059	LOAD Z	801	804	0.00	1	22.79	1				GLOB	UNIF	WV	0	8
3060	LOAD X	804	806	0.00	1	22.80	1				GLOB	UNIF	WV	0	8
3061	LOAD Y	804	806	0.00	1	22.80					GLOB	UNIF	WV	0	8
3062	LOAD Z	804	806	0.00	1	22.80	1				GLOB	UNIF	WV	0	8
3063	LOAD X	802	804	0.00-	1	22.80-	1				GLOB	UNIF	WV	0	8
3064	LOAD Y	802	804	0.00	1	22.80	1				GLOB	UNIF	WV	0	8
3065	LOAD X	802	805	0.00	1	22.80	1				GLOB	UNIF	WV	0	8
3066	LOAD Y	802	805	0.00	1	22.80	1				GLOB	UNIF	WV	0	8
3067	LOAD Y	804	805	0.00	02	22.80	02				GLOB	UNIF	WV	0	8
3068	LOAD X	801	903	0.00-	1	29.80-	1				GLOB	UNIF	WV	0	8
3069	LOAD Y	801	903	0.00	04	29.80	04				GLOB	UNIF	WV	0	8
3070	LOAD Z	801	903	0.00	1	29.80	1				GLOB	UNIF	WV	0	8
3071	LOAD X	801	903	29.80-	1	29.80-	1				GLOB	UNIF	WV	0	8
3072	LOAD Y	801	903	29.80	04	29.80	05				GLOB	UNIF	WV	0	8
3073	LOAD Z	801	903	29.80	1	29.80					GLOB	UNIF	WV	0	8
3074	LOAD X	803	906	0.00-	1	59.60					GLOB	UNIF	WV	0	8
3075	LOAD Y	803	906	0.00	02	59.60	1				GLOB	UNIF	WV	0	8
3076	LOAD Z	803	906	0.00	03	59.60	02				GLOB	UNIF	WV	0	8
3077	LOAD X	806	901	0.00	1	59.60	02				GLOB	UNIF	WV	0	8
3078	LOAD Y	806	901	0.00		59.60	02				GLOB	UNIF	WV	0	8
3079	LOAD Z	806	901	0.00	1	25.91					GLOB	UNIF	WV	0	8
3080	LOAD Z	806	901	25.91		33.69-	1				GLOB	UNIF	WV	0	8
3081	LOAD Y	901	902	0.00	05	27.42	05				GLOB	UNIF	WV	0	8
3082	LOAD Y	902	903	0.00	05	27.42	05				GLOB	UNIF	WV	0	8
3083	LOAD X	903	905	0.00-	02	27.41-	02				GLOB	UNIF	WV	0	8
3084	LOAD Y	903	905	0.00	1	27.41	1				GLOB	UNIF	WV	0	8
3085	LOAD Z	903	905	0.00		27.41	1				GLOB	UNIF	WV	0	8
3086	LOAD X	905	906	0.00-	02	27.42-	1				GLOB	UNIF	WV	0	8
3087	LOAD Y	905	906	0.00	1	27.42	1				GLOB	UNIF	WV	0	8

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.													
3088	LOAD	Z	905	906	0.00	1	27.42	1		GLOB	UNIF	WV	0 8
3089	LOAD	X	901	904	0.00	02	27.41	02		GLOB	UNIF	WV	0 8
3090	LOAD	Y	901	904	0.00	1	27.41	1		GLOB	UNIF	WV	0 8
3091	LOAD	Z	901	904	0.00		27.41	1		GLOB	UNIF	WV	0 8
3092	LOAD	X	904	906	0.00	02	27.42	1		GLOB	UNIF	WV	0 8
3093	LOAD	Y	904	906	0.00	1	27.42	1		GLOB	UNIF	WV	0 8
3094	LOAD	Z	904	906	0.00	1	27.42	1		GLOB	UNIF	WV	0 8
3095	LOAD	X	902	904	0.00-	1	27.41-	1		GLOB	UNIF	WV	0 8
3096	LOAD	Y	902	904	0.00	1	27.41	1		GLOB	UNIF	WV	0 8
3097	LOAD	X	902	905	0.00	1	27.41	1		GLOB	UNIF	WV	0 8
3098	LOAD	Y	902	905	0.00	1	27.41	1		GLOB	UNIF	WV	0 8
3099	LOAD	Y	904	905	0.00	03	27.42	03		GLOB	UNIF	WV	0 8
3100	LOAD	Y	9011002		0.00	05	14.08	05		GLOB	UNIF	WV	0 8
3101	LOAD	Y	9011002		14.08	05	14.08	06		GLOB	UNIF	WV	0 8
3102	LOAD	Y	9011002		28.15	06	14.08	07		GLOB	UNIF	WV	0 8
3103	LOAD	Y	9031002		0.00	05	14.08	05		GLOB	UNIF	WV	0 8
3104	LOAD	Y	9031002		14.08	05	14.08	06		GLOB	UNIF	WV	0 8
3105	LOAD	Y	9031002		28.15	06	14.08	07		GLOB	UNIF	WV	0 8
3106	LOAD	X	9031005		0.00-	1	14.08-	1		GLOB	UNIF	WV	0 8
3107	LOAD	Y	9031005		0.00	03	14.08	03		GLOB	UNIF	WV	0 8
3108	LOAD	Z	9031005		0.00	02	14.08	02		GLOB	UNIF	WV	0 8
3109	LOAD	X	9031005		14.08-	1	14.08-	1		GLOB	UNIF	WV	0 8
3110	LOAD	Y	9031005		14.08	03	14.08	03		GLOB	UNIF	WV	0 8
3111	LOAD	Z	9031005		14.08	02	14.08	02		GLOB	UNIF	WV	0 8
3112	LOAD	X	9031005		28.15-	1	14.08-	1		GLOB	UNIF	WV	0 8
3113	LOAD	Y	9031005		28.15	03	14.08	04		GLOB	UNIF	WV	0 8
3114	LOAD	Z	9031005		28.15	02	14.08	02		GLOB	UNIF	WV	0 8
3115	LOAD	X	9061005		0.00-	1	21.11-	1		GLOB	UNIF	WV	0 8
3116	LOAD	Y	9061005		0.00	1	21.11	03		GLOB	UNIF	WV	0 8
3117	LOAD	Z	9061005		0.00-	1	21.11-	1		GLOB	UNIF	WV	0 8
3118	LOAD	X	9061005		21.11-	1	21.11-	1		GLOB	UNIF	WV	0 8
3119	LOAD	Y	9061005		21.11	03	21.11	04		GLOB	UNIF	WV	0 8
3120	LOAD	Z	9061005		21.11-	1	21.11-	02		GLOB	UNIF	WV	0 8
3121	LOAD	X	9011004		0.00	1	14.08	1		GLOB	UNIF	WV	0 8
3122	LOAD	Y	9011004		0.00	03	14.08	03		GLOB	UNIF	WV	0 8
3123	LOAD	Z	9011004		0.00	02	14.08	02		GLOB	UNIF	WV	0 8
3124	LOAD	X	9011004		14.08	1	14.08	1		GLOB	UNIF	WV	0 8
3125	LOAD	Y	9011004		14.08	03	14.08	03		GLOB	UNIF	WV	0 8
3126	LOAD	Z	9011004		14.08	02	14.08	02		GLOB	UNIF	WV	0 8
3127	LOAD	X	9011004		28.15	1	14.08	1		GLOB	UNIF	WV	0 8
3128	LOAD	Y	9011004		28.15	03	14.08	04		GLOB	UNIF	WV	0 8
3129	LOAD	Z	9011004		28.15	02	14.08	02		GLOB	UNIF	WV	0 8
3130	LOAD	X	9061004		0.00	1	21.11	1		GLOB	UNIF	WV	0 8
3131	LOAD	Y	9061004		0.00	1	21.11	03		GLOB	UNIF	WV	0 8
3132	LOAD	Z	9061004		0.00-	1	21.11-	1		GLOB	UNIF	WV	0 8
3133	LOAD	X	9061004		21.11	1	21.11	1		GLOB	UNIF	WV	0 8
3134	LOAD	Y	9061004		21.11	03	21.11	04		GLOB	UNIF	WV	0 8
3135	LOAD	Z	9061004		21.11-	1	21.11-	02		GLOB	UNIF	WV	0 8
3136	LOAD	Y	10011002		0.00	07	32.04	07		GLOB	UNIF	WV	0 8

U.S. NAVY - ACSR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

| LINE NO. | | |

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
3186	LOAD Z	806 906	10.81-	02	10.81-	02					GLOB UNIF		WV 0 8		
3187	LOAD Y	806 906	21.63-	12	10.81-	13					GLOB UNIF		WV 0 8		
3188	LOAD Z	806 906	21.63-	02	10.81-	02					GLOB UNIF		WV 0 8		
3189	LOAD X	9011001	0.00	1	10.22	1					GLOB UNIF		WV 0 8		
3190	LOAD Y	9011001	0.00	02	10.22	04					GLOB UNIF		WV 0 8		
3191	LOAD X	9011001	10.22	1	10.22						GLOB UNIF		WV 0 8		
3192	LOAD Y	9011001	10.22	04	10.22	07					GLOB UNIF		WV 0 8		
3193	LOAD Z	9011001	10.22		10.22-	1					GLOB UNIF		WV 0 8		
3194	LOAD X	9031003	0.00-	1	10.22-	1					GLOB UNIF		WV 0 8		
3195	LOAD Y	9031003	0.00	02	10.22	04					GLOB UNIF		WV 0 8		
3196	LOAD X	9031003	10.22-	1	10.22						GLOB UNIF		WV 0 8		
3197	LOAD Y	9031003	10.22	04	10.22	07					GLOB UNIF		WV 0 8		
3198	LOAD Z	9031003	10.22		10.22-	1					GLOB UNIF		WV 0 8		
3199	LOAD Y	9061006	0.00-	13	10.22-	14					GLOB UNIF		WV 0 8		
3200	LOAD Z	9061006	0.00-	02	10.22-	02					GLOB UNIF		WV 0 8		
3201	LOAD Y	9061006	10.22-	14	10.22-	14					GLOB UNIF		WV 0 8		
3202	LOAD Z	9061006	10.22-	02	10.22-	02					GLOB UNIF		WV 0 8		
3203	LOADCM	9													
3204	LOAD Z	101 102	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3205	LOAD Z	102 103	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3206	LOAD Z	103 105	0.00	-.055	14.49	-.055					GLOB UNIF		DL 0 9		
3207	LOAD Z	105 106	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3208	LOAD Z	101 104	0.00	-.055	14.49	-.055					GLOB UNIF		DL 0 9		
3209	LOAD Z	104 106	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3210	LOAD Z	102 104	0.00	-.024	14.49	-.024					GLOB UNIF		DL 0 9		
3211	LOAD Z	102 105	0.00	-.024	14.49	-.024					GLOB UNIF		DL 0 9		
3212	LOAD Z	104 105	0.00	-.024	14.50	-.024					GLOB UNIF		DL 0 9		
3213	LOAD Z	201 202	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3214	LOAD Z	202 203	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3215	LOAD Z	203 205	0.00	-.055	14.49	-.055					GLOB UNIF		DL 0 9		
3216	LOAD Z	205 206	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3217	LOAD Z	201 204	0.00	-.055	14.49	-.055					GLOB UNIF		DL 0 9		
3218	LOAD Z	204 206	0.00	-.055	14.50	-.055					GLOB UNIF		DL 0 9		
3219	LOAD Z	202 204	0.00	-.024	14.49	-.024					GLOB UNIF		DL 0 9		
3220	LOAD Z	202 205	0.00	-.024	14.49	-.024					GLOB UNIF		DL 0 9		
3221	LOAD Z	204 205	0.00	-.024	14.50	-.024					GLOB UNIF		DL 0 9		
3222	LOAD Z	201 303	0.00	-.065	52.65	-.065					GLOB UNIF		DL 0 9		
3223	LOAD Z	203 306	0.00	-.065	52.65	-.065					GLOB UNIF		DL 0 9		
3224	LOAD Z	206 301	0.00	-.065	52.65	-.065					GLOB UNIF		DL 0 9		
3225	LOAD Z	301 403	0.00	-.065	40.66	-.065					GLOB UNIF		DL 0 9		
3226	LOAD Z	106 201	0.00	-.065	52.65	-.065					GLOB UNIF		DL 0 9		
3227	LOAD Z	301 303	0.00	-.065	29.00	-.065					GLOB UNIF		DL 0 9		
3228	LOAD Z	303 306	0.00	-.065	29.00	-.065					GLOB UNIF		DL 0 9		
3229	LOAD Z	301 306	0.00	-.065	29.00	-.065					GLOB UNIF		DL 0 9		
3230	LOAD Z	501 502	0.00	-.103	15.15	-.103					GLOB UNIF		DL 0 9		
3231	LOAD Z	502 503	0.00	-.103	15.15	-.103					GLOB UNIF		DL 0 9		
3232	LOAD Z	503 505	0.00	-.103	15.15	-.103					GLOB UNIF		DL 0 9		
3233	LOAD Z	505 506	0.00	-.103	15.15	-.103					GLOB UNIF		DL 0 9		
3234	LOAD Z	501 504	0.00	-.103	15.15	-.103					GLOB UNIF		DL 0 9		

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1 1	2 2	3 3	4 4	5 5	6 6	7 7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0							
3235	LOAD Z 504 506	0.00	-.103	15.15	-.103		GLOB UNIF	DL 0 9
3236	LOAD Z 502 504	0.00	-.040	15.15	-.040		GLOB UNIF	DL 0 9
3237	LOAD Z 502 505	0.00	-.040	15.15	-.040		GLOB UNIF	DL 0 9
3238	LOAD Z 504 505	0.00	-.040	15.15	-.040		GLOB UNIF	DL 0 9
3239	LOAD Z 501 507	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9
3240	LOAD Z 507 510	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9
3241	LOAD Z 503 508	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9
3242	LOAD Z 508 511	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9
3243	LOAD Z 506 509	0.00	-.170	2.55	-.170		GLOB UNIF	DL 0 9
3244	LOAD Z 509 512	0.00	-.170	2.54	-.170		GLOB UNIF	DL 0 9
3245	LOAD Z 501 513	0.00	-.065	2.99	-.065		GLOB UNIF	DL 0 9
3246	LOAD Z 503 514	0.00	-.065	2.99	-.065		GLOB UNIF	DL 0 9
3247	LOAD Z 513 651	0.00	-.093	12.00	-.093		GLOB UNIF	DL 0 9
3248	LOAD Z 513 651	12.00	.020	0.00	.020		GLOB UNIF	DL 0 9
3249	LOAD Z 514 653	0.00	-.093	12.00	-.093		GLOB UNIF	DL 0 9
3250	LOAD Z 514 653	12.00	.020	0.00	.020		GLOB UNIF	DL 0 9
3251	LOAD Z 601 611	0.00	-.089	0.00	-.089		GLOB UNIF	DL 0 9
3252	LOAD Z 603 613	0.00	-.089	0.00	-.089		GLOB UNIF	DL 0 9
3253	LOAD Z 651 661	0.00	-.049	5.00	-.049		GLOB UNIF	DL 0 9
3254	LOAD Z 653 663	0.00	-.049	5.00	-.049		GLOB UNIF	DL 0 9
3255	LOAD Z 611 612	0.00	-.043	16.01	-.043		GLOB UNIF	DL 0 9
3256	LOAD Z 612 613	0.00	-.043	16.01	-.043		GLOB UNIF	DL 0 9
3257	LOAD Z 661 662	0.00	-.017	17.74	-.017		GLOB UNIF	DL 0 9
3258	LOAD Z 662 663	0.00	-.017	17.74	-.017		GLOB UNIF	DL 0 9
3259	LOAD Z 611 661	0.00	-.089	0.00	-.089		GLOB UNIF	DL 0 9
3260	LOAD Z 611 661	6.06	-.049	0.00	-.049		GLOB UNIF	DL 0 9
3261	LOAD Z 613 663	0.00	-.089	0.00	-.089		GLOB UNIF	DL 0 9
3262	LOAD Z 613 663	6.00	-.049	0.00	-.049		GLOB UNIF	DL 0 9
3263	LOAD Z 613 663	0.00	-.089	0.00	-.089		GLOB UNIF	DL 0 9
3264	LOAD Z 613 663	0.00	-.049	0.00	-.049		GLOB UNIF	DL 0 9
3265	LOAD Z 501 622	0.00	-.129	20.41	-.129		GLOB UNIF	DL 0 9
3266	LOAD Z 622 703	0.00	.010	21.77	.010		GLOB UNIF	DL 0 9
3267	LOAD Z 503 625	0.00	-.129	20.25	-.129		GLOB UNIF	DL 0 9
3268	LOAD Z 625 705	0.00	.010	21.93	.010		GLOB UNIF	DL 0 9
3269	LOAD Z 505 624	0.00	-.129	20.24	-.129		GLOB UNIF	DL 0 9
3270	LOAD Z 624 701	0.00	.010	21.94	.010		GLOB UNIF	DL 0 9
3271	LOAD Z 701 702	0.00	-.009	18.75	-.009		GLOB UNIF	DL 0 9
3272	LOAD Z 702 703	0.00	-.009	18.76	-.009		GLOB UNIF	DL 0 9
3273	LOAD Z 703 705	0.00	-.009	18.75	-.009		GLOB UNIF	DL 0 9
3274	LOAD Z 705 706	0.00	-.009	18.76	-.009		GLOB UNIF	DL 0 9
3275	LOAD Z 701 704	0.00	-.009	18.75	-.009		GLOB UNIF	DL 0 9
3276	LOAD Z 704 706	0.00	-.009	18.76	-.009		GLOB UNIF	DL 0 9
3277	LOAD Z 701 707	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9
3278	LOAD Z 707 710	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9
3279	LOAD Z 705 708	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9
3280	LOAD Z 706 711	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9
3281	LOAD Z 708 709	0.00	-.148	2.55	-.148		GLOB UNIF	DL 0 9
3282	LOAD Z 709 712	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9
3283	LOAD Z 701 805	0.00	.010	50.14	.010		GLOB UNIF	DL 0 9

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0								
3284	LOAD 7 703 801	0.00	.010	50.16	.010		GLOB UNIF	DL 0 9	
3285	LOAD 7 706 803	0.00	.010	50.16	.010		GLOB UNIF	DL 0 9	
3286	LOAD 7 801 802	0.00	-.004	22.79	-.004		GLOB UNIF	DL 0 9	
3287	LOAD 7 802 803	0.00	-.004	22.79	-.004		GLOB UNIF	DL 0 9	
3288	LOAD 7 803 805	0.00	-.004	22.79	-.004		GLOB UNIF	DL 0 9	
3289	LOAD 7 805 806	0.00	-.004	22.80	-.004		GLOB UNIF	DL 0 9	
3290	LOAD 7 801 804	0.00	-.004	22.79	-.004		GLOB UNIF	DL 0 9	
3291	LOAD 7 804 806	0.00	-.004	22.80	-.004		GLOB UNIF	DL 0 9	
3292	LOAD 7 801 807	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3293	LOAD 7 807 810	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3294	LOAD 7 803 808	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3295	LOAD 7 808 811	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3296	LOAD 7 806 809	0.00	-.148	2.53	-.148		GLOB UNIF	DL 0 9	
3297	LOAD 7 809 812	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3298	LOAD 7 801 905	0.00	.010	59.80	.010		GLOB UNIF	DL 0 9	
3299	LOAD 7 805 906	0.00	.010	59.80	.010		GLOB UNIF	DL 0 9	
3300	LOAD 7 906 901	0.00	.010	59.80	.010		GLOB UNIF	DL 0 9	
3301	LOAD 7 901 902	0.00	.006	27.42	.006		GLOB UNIF	DL 0 9	
3302	LOAD 7 902 903	0.00	.006	27.42	.006		GLOB UNIF	DL 0 9	
3303	LOAD 7 903 905	0.00	.006	27.41	.006		GLOB UNIF	DL 0 9	
3304	LOAD 7 905 906	0.00	.006	27.42	.006		GLOB UNIF	DL 0 9	
3305	LOAD 7 901 904	0.00	.006	27.41	.006		GLOB UNIF	DL 0 9	
3306	LOAD 7 904 906	0.00	.006	27.42	.006		GLOB UNIF	DL 0 9	
3307	LOAD 7 901 907	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3308	LOAD 7 907 910	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3309	LOAD 7 903 908	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3310	LOAD 7 908 911	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3311	LOAD 7 906 909	0.00	-.148	2.53	-.148		GLOB UNIF	DL 0 9	
3312	LOAD 7 909 912	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3313	LOAD 7 9011002	0.00	.020	42.23	.020		GLOB UNIF	DL 0 9	
3314	LOAD 7 9031002	0.00	.020	42.23	.020		GLOB UNIF	DL 0 9	
3315	LOAD 7 9031005	0.00	.020	42.23	.020		GLOB UNIF	DL 0 9	
3316	LOAD 7 9051005	0.00	.020	42.22	.020		GLOB UNIF	DL 0 9	
3317	LOAD 7 9011004	0.00	.020	42.23	.020		GLOB UNIF	DL 0 9	
3318	LOAD 7 9051004	0.00	.020	42.22	.020		GLOB UNIF	DL 0 9	
3319	LOAD 7 10011002	0.00	.010	32.04	.010		GLOB UNIF	DL 0 9	
3320	LOAD 7 10021005	0.00	.010	32.04	.010		GLOB UNIF	DL 0 9	
3321	LOAD 7 10031005	0.00	.010	32.04	.010		GLOB UNIF	DL 0 9	
3322	LOAD 7 10051006	0.00	.010	32.04	.010		GLOB UNIF	DL 0 9	
3323	LOAD 7 10011004	0.00	.010	32.04	.010		GLOB UNIF	DL 0 9	
3324	LOAD 7 10041006	0.00	.010	32.04	.010		GLOB UNIF	DL 0 9	
3325	LOAD 7 10021004	0.00	.014	32.04	.014		GLOB UNIF	DL 0 9	
3326	LOAD 7 10021005	0.00	.014	32.04	.014		GLOB UNIF	DL 0 9	
3327	LOAD 7 10041005	0.00	.014	32.04	.014		GLOB UNIF	DL 0 9	
3328	LOAD 7 10011007	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3329	LOAD 7 10071010	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3330	LOAD 7 10051004	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3331	LOAD 7 10041011	0.00	-.148	2.54	-.148		GLOB UNIF	DL 0 9	
3332	LOAD 7 10061009	0.00	-.148	2.53	-.148		GLOB UNIF	DL 0 9	

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - RLW 105.0 FEET - 50 YR STORM

| LINE NO. | | |

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    3392 LOAD 4 1010 910      0.00  -.674 32.44  -.674                 GLOB UNIF    DL 0 9
    3393 LOAD 4 1011 911      0.00  -.674 32.44  -.674                 GLOB UNIF    DL 0 9
    3394 LOAD 4 1012 912      0.00  -.674 32.44  -.674                 GLOB UNIF    DL 0 9
    3395 LOAD 4  101 102             -50                               GLOB CONC    DL UPR
    3396 LOAD 4  103 105             -50                               GLOB CONC    DL UPR
    3397 LOAD 4  104 106    14.4     -50                               GLOB CONC    DL UPR
    3398 LOAD 4  201 202             -50                               GLOB CONC    DL LWR
    3399 LOAD 4  203 205             -65                               GLOB CONC    DL LWR
    3400 LOAD 4  204 206    14.4     -65                               GLOB CONC    DL LWR
    3401 LOAD 4  101 102             -0.42      -0.42                  GLOB UNIF    LL UPR
    3402 LOAD 4  102 103             -0.42      -0.42                  GLOB UNIF    LL UPR
    3403 LOAD 4  103 105             -0.42      -0.42                  GLOB UNIF    LL UPR
    3404 LOAD 4  105 106             -0.42      -0.42                  GLOB UNIF    LL UPR
    3405 LOAD 4  101 104             -0.42      -0.42                  GLOB UNIF    LL UPR
    3406 LOAD 4  104 106             -0.42      -0.42                  GLOB UNIF    LL UPR
    3407 LOAD 4  201 202             -0.65      -0.65                  GLOB UNIF    LL EQM
    3408 LOAD 4  202 203             -0.65      -0.65                  GLOB UNIF    LL EQM
    3409 LOAD 4  203 205             -1.50      -1.50                  GLOB UNIF    LL EQM
    3410 LOAD 4  205 206             -1.50      -1.50                  GLOB UNIF    LL EQM
    3411 LOAD 4  201 204             -0.65      -0.65                  GLOB UNIF    LL EQM
    3412 LOAD 4  204 206             -0.65      -0.65                  GLOB UNIF    LL EQM
    3413 LOAD 4  611 613      3      -110                              GLOB CONC    BOAT LOG
    3414 LOAD 4  613 613      3      -110                              GLOB CONC    BOAT LOG
    3415 LOAD 4  513 651             -12                               GLOB CONC    BOAT BOM
    3416 LOAD 4  514 653             -12                               GLOB CONC    BOAT BOM
    3417 LOCOMB
    3418 LOCOMB  10 100.     1 100.    9
    3419 LOCOMB  11 100.     2 100.    9
    3420 LOCOMB  12 100.     3 100.    9
    3421 LOCOMB  13 100.     4 100.    9
    3422 LOCOMB  14 100.     5 100.    9
    3423 LOCOMB  15 100.     6 100.    9
    3424 LOCOMB  16 100.     7 100.    9
    3425 LOCOMB  17 100.     8 100.    9
    3426 END
```

S T R A N - P-Y D A T A

PILE JOINT NO. 1010
DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

DEPTH (FT) =	0.00							
FORCE (K/IN)	0.000	0.000						
DEFL (IN)	0.000	20.000						
DEPTH (FT) =	8.00							
FORCE (K/IN)	0.000	.107	.129	.153	.169	.188	.237	.237
DEFL (IN)	0.000	.050	.120	.270	.430	.700	1.580	20.000
DEPTH (FT) =	14.00							
FORCE (K/IN)	0.000	.366	.611	.906	1.136	1.440	2.274	2.274
DEFL (IN)	0.000	.036	.110	.260	.420	.700	1.580	20.000
DEPTH (FT) =	24.00							
FORCE (K/IN)	0.000	1.244	1.661	2.347	2.895	3.644	5.831	5.831
DEFL (IN)	0.000	.070	.140	.280	.430	.700	1.580	20.000
DEPTH (FT) =	34.00							
FORCE (K/IN)	0.000	3.021	3.695	4.742	5.659	6.950	11.120	11.120
DEFL (IN)	0.000	.120	.190	.320	.460	.700	1.580	20.000
DEPTH (FT) =	48.00							
FORCE (K/IN)	0.000	7.634	8.406	9.913	11.273	13.280	21.248	21.248
DEFL (IN)	0.000	.220	.270	.360	.500	.700	1.580	20.000
DEPTH (FT) =	68.00							
FORCE (K/IN)	0.000	10.718	11.997	14.043	15.970	18.814	30.102	30.102
DEFL (IN)	0.000	.220	.270	.340	.500	.700	1.580	20.000
DEPTH (FT) =	102.00							
FORCE (K/IN)	0.000	16.223	17.995	21.064	23.954	28.221	45.153	45.153
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.10							
FORCE (K/IN)	0.000	.967	1.515	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	136.00							
FORCE (K/IN)	0.000	.967	1.515	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	200.00							
FORCE (K/IN)	0.000	.967	1.515	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	

DEPTH (FT) =	0.00							
FORCE (K/IN)	0.000	0.000						
DEFL (IN)	0.000	20.000						
DEPTH (FT) =	8.00							
FORCE (K/IN)	0.000	.107	.129	.153	.169	.188	.237	.237
DEFL (IN)	0.000	.050	.120	.270	.430	.700	1.580	20.000
DEPTH (FT) =	14.00							
FORCE (K/IN)	0.000	.360	.811	.900	1.136	1.440	2.274	2.274
DEFL (IN)	0.000	.030	.110	.260	.420	.700	1.580	20.000
DEPTH (FT) =	24.00							
FORCE (K/IN)	0.000	1.244	1.681	2.347	2.895	3.644	5.831	5.831
DEFL (IN)	0.000	.070	.140	.280	.430	.700	1.580	20.000
DEPTH (FT) =	34.00							
FORCE (K/IN)	0.000	3.021	3.693	4.742	5.659	6.950	11.120	11.120
DEFL (IN)	0.000	.120	.190	.320	.460	.700	1.580	20.000
DEPTH (FT) =	48.00							
FORCE (K/IN)	0.000	7.034	8.468	9.913	11.273	13.280	21.248	21.248
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	68.00							
FORCE (K/IN)	0.000	10.718	11.997	14.043	15.970	18.814	30.102	30.102
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.00							
FORCE (K/IN)	0.000	16.225	17.995	21.064	23.954	28.221	45.153	45.153
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.10							
FORCE (K/IN)	0.000	.967	1.515	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	136.00							
FORCE (K/IN)	0.000	.967	1.515	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	200.00							
FORCE (K/IN)	0.000	.967	1.515	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

DEPTH (FT) =	0.00							
FORCE (K/IN)	0.000	0.000						
DEFL (IN)	0.000	20.000						
DEPTH (FT) =	8.00							
FORCE (K/IN)	0.000	.107	.129	.153	.169	.188	.237	.237
DEFL (IN)	0.000	.050	.120	.270	.430	.700	1.580	20.000
DEPTH (FT) =	14.00							
FORCE (K/IN)	0.000	.356	.611	.906	1.136	1.440	2.274	2.274
DEFL (IN)	0.000	.036	.110	.260	.420	.700	1.580	20.000
DEPTH (FT) =	24.00							
FORCE (K/IN)	0.000	1.244	1.681	2.347	2.895	3.644	5.831	5.831
DEFL (IN)	0.000	.070	.140	.280	.430	.700	1.580	20.000
DEPTH (FT) =	34.00							
FORCE (K/IN)	0.000	3.021	3.693	4.742	5.659	6.950	11.120	11.120
DEFL (IN)	0.000	.120	.190	.320	.460	.700	1.580	20.000
DEPTH (FT) =	48.00							
FORCE (K/IN)	0.000	7.654	8.408	9.913	11.273	13.280	21.248	21.248
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	68.00							
FORCE (K/IN)	0.000	10.718	11.997	14.043	15.970	18.814	30.102	30.102
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.00							
FORCE (K/IN)	0.000	16.225	17.995	21.064	23.954	28.221	45.153	45.153
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.10							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	150.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	200.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-2.9405	-.50858	-.00581		
1010	2	-19.4457	-.04871	-.03859		
1010	3	-202.5088	-.02880	-.02880		
1010	4	-1944.5085	.00049	.00009		
1010	5	294.0486	-.00509	-.00001		
1010	6	3203.4279	.00289	.00289		
1011	1	-2.8642	.05044	.22020		
1011	2	-478.3352	-.70986	-3.08750		
1011	3	1825.5400	.25954	.25954		
1011	4	-47833.5166	.00705	.00852		
1011	5	206.4234	.00050	.00061		
1011	6	4513.8952	.00407	.00407		
1012	1	-1.5258	.05615	.27783		
1012	2	467.1258	.72669	3.56484		
1012	3	-2373.6946	-.33748	-.33748		
1012	4	46712.5755	-.00722	-.01040		
1012	5	152.5850	.00056	.00081		
1012	6	4310.2683	.00389	.00389		

LOAD CONDITION NO. 10
CYCLE NO. 2

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-16.6577	-.36050	-.22855		
1010	2	-25.9827	-.08498	-.31460	.0185	.0499
1010	3	-202.2058	-.02876	-.02876		
1010	4	-635.5049	.00038	.00178		
1010	5	-14496.7043	-.00254	-.00150	.0004	.1656
1010	6	2599.2129	.00216	.00216		
1011	1	.9185	.11969	.14680		
1011	2	-470.5776	-2.57147	-2.75479	.1876	.0729
1011	3	1818.1982	.25850	.25850		
1011	4	-53747.1125	.00680	.00699		
1011	5	2819.4711	.00006	.00050	.0002	.0265
1011	6	3864.1164	.00349	.00349		
1012	1	2.1265	.13841	.22034		
1012	2	451.0477	2.63162	2.85485	.2281	.0865
1012	3	-2563.5610	-.33603	-.33603		
1012	4	54154.3064	-.00705	-.00740		
1012	5	2541.1956	.00072	.00057	.0003	.0468
1012	6	5679.8509	.00332	.00332		

S T R A N - N O N L I N E A R S U P P O R T I T E R A T I O N S

LOAD CONDITION NO. 10
CYCLE NO. 3

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-17.9524	-.48435	-.20131		
1010	2	-25.0725	-.10305	-.28116	.1298	.3755
1010	3	-201.0842	-.02859	-.02859		
1010	4	-1428.7051	.00042	.00159		
1010	5	-13568.7722	-.00202	-.00114	.0009	.4586
1010	6	2505.6746	.00226	.00226		
1011	1	1.2756	.12165	.17895		
1011	2	-473.9970	-2.72473	-2.70735	.0142	.0052
1011	3	1820.9442	.25869	.25869		
1011	4	-54069.6762	.00602	.00677		
1011	5	3158.7091	.00060	.00045	.0001	.0086
1011	6	5963.9377	.00359	.00359		
1012	1	2.4098	.13482	.19578		
1012	2	450.9558	2.80277	2.77433	.0250	.0090
1012	3	-2367.0087	-.53662	-.53662		
1012	4	55621.9558	-.00711	-.00702		
1012	5	2859.4041	.00065	.00050	.0001	.0150
1012	6	5798.4008	.00343	.00343		

STRAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 10
CYCLE NO. 4

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-18.0259	-.45650	-.20484		
1010	2	-24.9761	-.10150	-.28302	.1176	.3359
1010	3	-201.2041	-.02801	-.02801		
1010	4	-1370.4292	.00042	.00161		
1010	5	-13652.5095	-.00280	-.00116	.0008	.4284
1010	6	2500.8351	.00226	.00226		
1011	1	1.2759	.12098	.17924		
1011	2	-473.9527	-2.71877	-2.71769	.0023	.0009
1011	3	1820.2148	.25879	.25879		
1011	4	-54450.8312	.00680	.00682		
1011	5	5101.7230	.00059	.00045	.0000	.0017
1011	6	3978.6109	.00359	.00359		
1012	1	2.4241	.15897	.19711		
1012	2	451.1681	2.79499	2.79840	.0069	.0025
1012	3	-2506.8249	-.33650	-.33650		
1012	4	55205.0601	-.00708	-.00712		
1012	5	2853.7354	.00065	.00050	.0000	.0041
1012	6	3795.1572	.00342	.00342		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-18.0198	-.45665	-.20432		
1010	2	-25.0182	-.10105	-.28367	.1185	.5389
1010	3	-201.2336	-.02801	-.02801		
1010	4	-1375.4019	.00042	.00161		
1010	5	-13643.7280	-.00201	-.00116	.0009	.4324
1010	6	2501.1150	.00226	.00226		
1011	1	1.2768	.12118	.17922		
1011	2	-473.9585	-2.72012	-2.71538	.0015	.0006
1011	3	1820.3865	.25881	.25881		
1011	4	-54510.6999	.00680	.00681		
1011	5	5161.4053	.00000	.00045	.0000	.0008
1011	6	3979.0110	.00359	.00359		
1012	1	2.4215	.13920	.19682		
1012	2	451.0922	2.79692	2.79231	.0011	.0004
1012	3	-2307.0052	-.33652	-.33652		
1012	4	55550.2009	-.00709	-.00710		
1012	5	2950.6550	.00065	.00050	.0000	.0006
1012	6	3745.5376	.00342	.00342		

STRAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 11
CYCLE NO. 1

U.S. NAVY - ACRH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-10.9290	-.31939	-.07260		
1010	2	-535.5121	-1.15010	-2.22867		
1010	3	955.0344	.13550	.13550		
1010	4	-27443.7361	.00410	.00694		
1010	5	-4869.4504	-.00198	-.00023		
1010	6	-500.6929	-.00045	-.00045		
1011	1	9.0379	.38222	.04400		
1011	2	-332.6917	-1.85299	-1.61957		
1011	3	1025.9099	.14586	.14586		
1011	4	-39901.6427	.00049	.00394		
1011	5	8560.1457	.00160	.00011		
1011	6	1084.6623	.00098	.00098		
1012	1	.6143	.02454	.03603		
1012	2	480.1076	3.00823	3.18582		
1012	3	-2695.4508	-.38249	-.38249		
1012	4	58110.5040	-.00770	-.00823		
1012	5	450.1524	.00011	.00009		
1012	6	81.4931	.00007	.00007		

SIKAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 11
CYCLE NO. 2

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-9.6627	-.41201	-.05110		
1010	2	-313.1965	-1.50665	-1.65621	.0371	.0229
1010	3	964.7574	.13716	.13716		
1010	4	-33764.7676	.00444	.00447		
1010	5	-8504.5529	-.00225	-.00014	.0005	.1114
1010	6	-562.6109	-.00055	-.00055		
1011	1	10.0180	.57656	.05184		
1011	2	-316.2178	-1.62296	-1.63619	.0291	.0178
1011	3	1016.8493	.14457	.14457		
1011	4	-35020.3142	.00418	.00432		
1011	5	9224.2872	.00184	.00014	.0002	.0558
1011	6	1220.3597	.00110	.00110		
1012	1	-.2957	-.00484	-.00623		
1012	2	497.5421	3.19508	3.21157	.0163	.0051
1012	3	-2705.8510	-.38470	-.38470		
1012	4	82812.1607	-.00802	-.00799		
1012	5	-34.6345	-.00002	-.00002	.0000	.0035
1012	6	179.6911	.00016	.00016		

SIMAN - NONLINEAR SUPPORT ITERATIONS

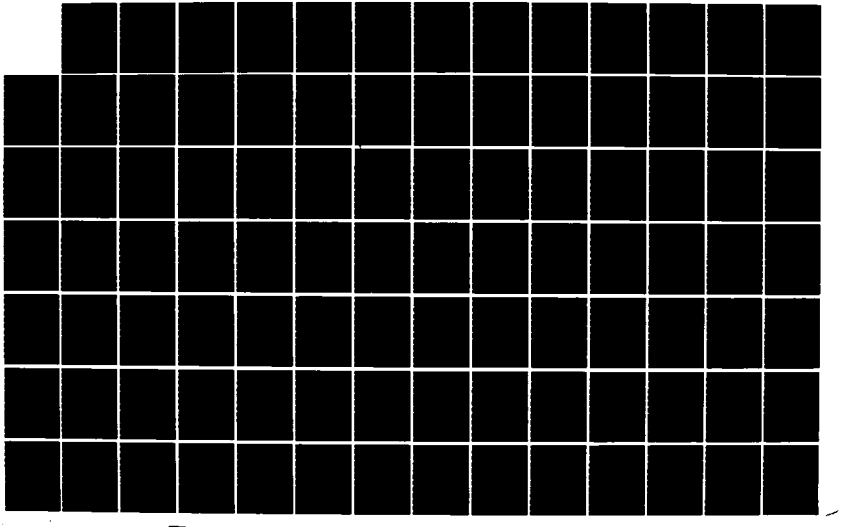
LOAD CONDITION NO. 12
CYCLE NO. 1

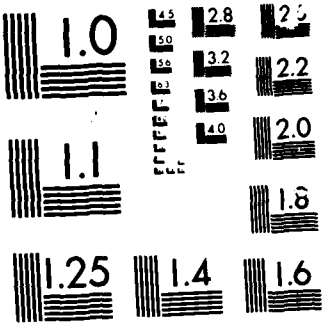
U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS, IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN, RAD)	PERCENT DIFFERENCE
1010	1	15.6572	.57759	.09484		
1010	2	55.0136	.10073	.21209		
1010	3	-284.0027	-.04075	-.04075		
1010	4	3627.0460	-.00053	-.00107		
1010	5	11499.9439	.00512	.00048		
1010	6	-2524.9177	-.00210	-.00210		
1011	1	-1.5918	-.12343	-.25864		
1011	2	469.1079	2.55851	3.64086		
1011	3	-2334.1996	-.33186	-.33186		
1011	4	52035.4877	-.00672	-.01019		
1011	5	-3459.6519	-.00062	-.00072		
1011	6	-3786.3995	-.00342	-.00342		
1012	1	-2.3248	-.14207	-.15621		
1012	2	-436.6201	-2.81244	-2.19493		
1012	3	1864.1975	.26708	.26708		
1012	4	-54912.7826	.00706	.00497		
1012	5	-2794.0916	-.00065	-.00035		
1012	6	-3437.7152	-.00328	-.00328		

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING.. (U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 6/11

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS, IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN, RAD)	PERCENT DIFFERENCE
1010	1	18.2163	.55369	.54675		
1010	2	-11.5281	-.00252	-.21944	.0565	.1595
1010	3	-268.9475	-.03824	-.03824		
1010	4	-2175.9455	-.00010	.00132		
1010	5	14219.1885	.00249	.00208	.0000	.0124
1010	6	-2090.8242	-.00169	-.00169		
1011	1	-.9715	-.13492	-.21317		
1011	2	458.5176	2.56235	2.68924	.1318	.0514
1011	3	-2525.7731	-.33066	-.33066		
1011	4	55399.4447	-.00674	-.00668		
1011	5	-2752.2037	-.00071	-.00055	.0001	.0181
1011	6	-3534.3448	-.00319	-.00319		
1012	1	-2.8270	-.13969	-.23799		
1012	2	-469.0582	-2.56610	-2.96646	.3881	.1491
1012	3	1802.5624	.26765	.26765		
1012	4	-52961.1071	.00701	.00780		
1012	5	-3037.5665	-.00075	-.00063	.0008	.1105
1012	6	-3404.5053	-.00307	-.00307		

STRAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 12
CYC E NO. 3

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	17.5368	.44925	.27126		
1010	2	-13.7731	-.00915	-.21550	.1029	.2970
1010	3	-258.7446	-.03821	-.03821		
1010	4	-2536.2661	-.00007	.00129		
1010	5	13109.5516	.00276	.00102	.0007	.3317
1010	6	-2102.2220	-.00197	-.00197		
1011	1	-1.2559	-.13358	-.19134		
1011	2	455.4541	2.66161	2.64224	.0158	.0060
1011	3	-2329.0140	-.33112	-.33112		
1011	4	53716.9454	-.00073	-.00069		
1011	5	-3059.5037	-.00064	-.00048	.0001	.0066
1011	6	-3532.7530	-.00328	-.00328		
1012	1	-2.7611	-.14582	-.23232		
1012	2	-487.8165	-2.67527	-2.89865	.2288	.0854
1012	3	1806.5157	.26825	.26823		
1012	4	-54534.5009	.00712	.00744		
1012	5	-2988.5055	-.00076	-.00060	.0003	.0419
1012	6	-3505.0674	-.00516	-.00516		

SINAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 12 — PAGE 11
CYCLE NO. 4 — DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	17.6677	.44414	.46542		
1010	2	-.2761	.02663	-.00727	.0205	.0462
1010	3	-271.7649	-.03864	-.03864		
1010	4	-1091.6241	-.00018	.00004		
1010	5	13446.3623	.00276	.00284	.0001	.0285
1010	6	-2184.7942	-.00197	-.00197		
1011	1	-1.3949	-.13758	-.20182		
1011	2	449.5415	2.72092	2.75588	.0387	.0142
1011	3	-2551.5593	-.33150	-.33150		
1011	4	55460.3640	-.00565	-.00696		
1011	5	-3150.0653	-.00006	-.00051	.0001	.0146
1011	6	-3643.7182	-.00329	-.00329		
1012	1	-5.0740	-.14536	-.20432		
1012	2	-473.8049	-2.78621	-2.72918	.0532	.0194
1012	3	1565.4875	.26807	.26807		
1012	4	-54029.2577	.00704	.00689		
1012	5	-5294.6278	-.00069	-.00052	.0002	.0229
1012	6	-5511.6107	-.00317	-.00317		

STRAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 13
CYCLE NO. 1

U.S. NAVY - ACRR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,I=-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	9.7949	.29084	.07000		
1010	2	506.8032	1.02469	2.19258		
1010	3	-1456.5733	-.20424	-.20424		
1010	4	24324.4324	-.00379	-.00706		
1010	5	9174.4655	.00182	.00023		
1010	6	945.5153	.00085	.00085		
1011	1	-8.5396	-.40684	-.03973		
1011	2	297.8931	1.74725	1.38601		
1011	3	-1461.0756	-.21057	-.21057		
1011	4	56187.2537	-.00427	-.00323		
1011	5	-8082.7277	-.00188	-.00009		
1011	6	-567.9526	-.00053	-.00053		
1012	1	-1.1724	-.03697	-.05061		
1012	2	-480.6624	-2.66310	-2.81254		
1012	3	2152.9704	.30609	.30609		
1012	4	-55708.5551	.00752	.00716		
1012	5	-727.6426	-.00017	-.00013		
1012	6	575.2187	.00034	.00034		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	8.2216	.36331	.04443		
1010	2	280.8114	1.43040	1.51752	.0373	.0252
1010	3	-1447.3695	-.20578	-.20578		
1010	4	30721.6857	-.00415	-.00420		
1010	5	7620.8650	.00209	.00012	.0004	.1063
1010	6	193.5484	.00072	.00072		
1011	1	-9.6625	-.51373	-.05167		
1011	2	278.9311	1.44494	1.48838	.0032	.0022
1011	3	-1466.5791	-.20651	-.20651		
1011	4	30932.3564	-.00579	-.00408		
1011	5	-8992.7480	-.00102	-.00014	.0001	.0285
1011	6	-750.2151	-.00068	-.00068		
1012	1	-.1527	-.00080	-.00971		
1012	2	-502.6138	-2.94549	-3.01202	.0685	.0233
1012	3	2160.4461	.50716	.50716		
1012	4	-56155.3086	.00750	.00767		
1012	5	-154.8644	-.00003	-.00002	.0002	.0230
1012	6	249.5744	.00023	.00023		

SIMAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 14
CYCLE NO. 1

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS, IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN, RAD)	PERCENT DIFFERENCE
1010	1	1.5171	.02912	.00534		
1010	2	-2.7052	-.01425	-.00952		
1010	3	-222.2819	-.03160	-.03160		
1010	4	-294.2115	.00004	.00004		
1010	5	567.8544	.00015	.00003		
1010	6	57.2968	.00005	.00005		
1011	1	-.6228	-.00991	-.00060		
1011	2	6.8130	.02577	.00655		
1011	3	-201.0947	-.02859	-.02859		
1011	4	1051.6794	-.00004	.00002		
1011	5	-138.8930	-.00004	.00000		
1011	6	-171.9805	-.00016	-.00016		
1012	1	-.6253	-.01038	-.00074		
1012	2	-10.2064	-.04947	-.01212		
1012	3	-250.0532	-.03555	-.03555		
1012	4	-1439.8045	.00010	-.00001		
1012	5	-125.6037	-.00004	.00000		
1012	6	-203.2259	-.00018	-.00018		

SIKAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 14
CYCLE NO. 2

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	1.6289	.01636	.00550		
1010	2	-5.2650	-.01370	-.01712	.0034	.1905
1010	3	-221.9115	-.03155	-.03155		
1010	4	-339.5157	.00005	.00006		
1010	5	501.3652	.00011	.00002	.0000	.4856
1010	6	62.4316	.00006	.00006		
1011	1	-.6412	-.00569	-.00108		
1011	2	4.5751	.00671	.00739	.0013	.1782
1011	3	-199.5193	-.02837	-.02837		
1011	4	554.7324	-.00001	-.00001		
1011	5	-159.5596	-.00004	-.00000	.0000	2.1762
1011	6	-105.4333	-.00015	-.00015		
1012	1	-.6461	-.00557	-.00144		
1012	2	-12.8069	-.02838	-.02859	.0003	.0104
1012	3	-259.7217	-.03505	-.03505		
1012	4	-1137.0754	.00008	.00009		
1012	5	-152.5667	-.00004	-.00000	.0000	.0644
1012	6	-196.6276	-.00018	-.00018		

SIMAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 15
CYCLE NO. 1

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	1.3145	.01265	.01035		
1010	2	.5262	-.00101	.00414		
1010	3	-204.5565	-.02908	-.02908		
1010	4	156.2601	.00002	-.00003		
1010	5	576.8427	.00008	.00007		
1010	6	117.0965	.00011	.00011		
1011	1	-1.3010	-.01259	-.01257		
1011	2	-.1020	-.00202	-.00270		
1011	3	-211.4329	-.03009	-.03009		
1011	4	99.8083	.00002	.00002		
1011	5	-575.4104	-.00006	-.00008		
1011	6	-132.3514	-.00012	-.00012		
1012	1	.0194	.00022	.00035		
1012	2	-14.1076	-.03102	-.03102		
1012	3	-255.7757	-.05856	-.05856		
1012	4	-1251.5117	.00009	.00009		
1012	5	7.0250	.00000	.00000		
1012	6	-12.0849	-.00001	-.00001		

STRAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 15
CYCLE NO. 2

U.S. NAVY - ALMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	1.5146	.01265	.01055		
1010	2	.5264	-.00160	.00414	.0016	.1439
1010	3	-204.5567	-.02908	-.02908		
1010	4	166.2888	.00002	-.00003		
1010	5	378.8932	.00008	.00007	.0000	.2034
1010	6	117.1021	.00011	.00011		
1011	1	-1.5010	-.01259	-.01257		
1011	2	-.1619	-.00262	-.00270	.0000	.0000
1011	3	-211.4529	-.03009	-.03009		
1011	4	99.8694	.00002	.00002		
1011	5	-378.3629	-.00008	-.00005	.0000	.0000
1011	6	-132.3259	-.00012	-.00012		
1012	1	.0194	.00022	.00035		
1012	2	-14.1074	-.03102	-.03102	.0000	.0000
1012	3	-255.7757	-.03636	-.03636		
1012	4	-1251.5547	.00009	.00009		
1012	5	7.0213	.00000	.00000	.0000	.0000
1012	6	-12.0794	-.00001	-.00001		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-1.6038	-.01561	-.00503		
1010	2	-5.1564	-.01208	-.01616		
1010	3	-222.6068	-.03166	-.03166		
1010	4	-379.1656	.00005	.00007		
1010	5	-468.6520	-.00010	-.00002		
1010	6	-135.4994	-.00012	-.00012		
1011	1	.8405	.00795	.00190		
1011	2	-14.8397	-.03315	-.03352		
1011	3	-260.2091	-.03705	-.03705		
1011	4	-1269.3465	.00010	.00010		
1011	5	233.1379	.00005	.00001		
1011	6	127.1620	.00011	.00011		
1012	1	.6651	.00614	.00123		
1012	2	6.2382	.01069	.01122		
1012	3	-169.2089	-.02690	-.02690		
1012	4	708.1674	-.00002	-.00002		
1012	5	173.5203	.00004	.00000		
1012	6	104.9543	.00009	.00009		

STRAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 16
CYCLE NO. 2

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-1.6037	-.01561	-.00503		
1010	2	-5.1541	-.01288	-.01617	.0033	.1951
1010	3	-222.8695	-.03106	-.03166		
1010	4	-379.0490	.00005	.00007		
1010	5	-408.5724	-.00010	-.00002	.0000	.5182
1010	6	-135.4950	-.00012	-.00012		
1011	1	.8404	.00794	.00140		
1011	2	-10.8571	-.03516	-.03350	.0005	.0161
1011	3	-260.6090	-.03705	-.03705		
1011	4	-1259.6709	.00010	.00010		
1011	5	-255.0558	.00005	.00001	.0000	.0940
1011	6	127.1065	.00011	.00011		
1012	1	.8852	.00813	.00125		
1012	2	6.2407	.01078	.01125	.0010	.0911
1012	3	-169.2097	-.02690	-.02690		
1012	4	706.1627	-.00002	-.00002		
1012	5	173.6266	.00004	.00000	.0000	.9795
1012	6	104.9591	.00009	.00009		

SIMAN - NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 17
CYCLE NO. 1

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-1.3697	-.01316	-.00328		
1010	2	-10.4203	-.02361	-.02492		
1010	3	-241.1997	-.03429	-.03429		
1010	4	-884.8051	.00007	.00008		
1010	5	-391.3479	-.00009	-.00001		
1010	6	-158.5096	-.00014	-.00014		
1011	1	1.4322	.01381	.00347		
1011	2	-11.2532	-.02594	-.02725		
1011	3	-246.9802	-.03511	-.03511		
1011	4	-938.2356	.00008	.00009		
1011	5	411.5487	.00009	.00001		
1011	6	144.6375	.00013	.00013		
1012	1	-.0369	-.00048	-.00109		
1012	2	7.9001	.01415	.01410		
1012	3	-184.5529	-.02624	-.02624		
1012	4	805.1041	-.00005	-.00003		
1012	5	-17.0039	-.00000	-.00000		
1012	6	-5.9716	-.00000	-.00000		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-1.3697	-.01510	-.00327		
1010	2	-10.4201	-.02301	-.02491	.0019	.0759
1010	3	-241.1995	-.03429	-.03429		
1010	4	-808.9343	.00007	.00008		
1010	5	-391.2897	-.00009	-.00001	.0000	.3474
1010	6	-158.5028	-.00014	-.00014		
1011	1	1.4323	.01381	.00347		
1011	2	-11.2531	-.02594	-.02725	.0019	.0696
1011	3	-248.9604	-.03511	-.03511		
1011	4	-958.1101	.00008	.00009		
1011	5	411.3931	.00009	.00001	.0000	.3121
1011	6	144.8444	.00015	.00013		
1012	1	-.0369	-.00048	-.00109		
1012	2	7.9002	.01415	.01410	.0000	.0009
1012	3	-164.5529	-.02624	-.02624		
1012	4	865.0984	-.00003	-.00003		
1012	5	-17.0145	-.00000	-.00000	.0000	.0009
1012	6	-5.9653	-.00000	-.00000		

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 10
PILE JOINT NO. 1010

DATE 08/27/76

U.S. NAVY - ACMN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.3496	6857.94	68.94	.0002	.95	137.88	.0000	.03
2.03	.3020	7617.58	70.97	.0002	11.77	139.91	.0000	.03
4.05	.2503	8353.56	72.99	.0001	17.28	141.93	-.0000	.02
6.08	.2169	9044.21	75.02	.0001	18.97	143.96	-.0000	.02
8.11	.1787	9670.06	77.05	.0000	18.12	145.99	-.0000	.01
10.14	.1439	10213.29	79.08	.0000	15.80	148.02	-.0000	.01
12.17	.1127	10569.65	81.10	.0000	12.80	150.04	-.0000	.01
14.19	.0852	10655.51	83.13	-.0000	9.69	152.07	-.0000	.00
16.22	.0615	10427.48	85.16	-.0000	6.82	154.10	-.0000	.00
18.25	.0414	9836.11	87.19	-.0000	4.39	156.13	-.0000	.00
20.28	.0247	8973.66	89.22	-.0000	2.49	158.15	-.0000	-.00
22.30	.0116	7874.86	91.24	-.0000	1.10	160.18	-.0000	-.00
24.33	.0021	6663.31	93.27	-.0000	.16	162.21	-.0000	-.00
26.35	-.0043	5428.59	95.30	-.0000	-.40	164.24	-.0000	-.00
28.39	-.0083	4242.67	97.33	-.0000	-.68	166.26	-.0000	-.00
30.41	-.0104	3158.58	99.35	-.0000	-.76	168.29	-.0000	-.00
32.44	-.0110	2211.00	101.38	-.0000	-.72	170.32	-.0000	-.00
34.47	-.0107	1418.07	103.41	-.0000	-.62	172.35	-.0000	-.00
36.50	-.0097	784.06	105.44	.0000	-.52	174.37	-.0000	-.00
38.52	-.0083	301.69	107.46	.0000	-.42	176.40	.0000	-.00
40.55	-.0068	-43.82	109.49	.0000	-.32	178.43	.0000	-.00
42.58	-.0055	-271.84	111.52	.0000	-.24	180.46	.0000	-.00
44.61	-.0039	-403.86	113.55	.0000	-.17	182.49	.0000	-.00
46.64	-.0023	-461.39	115.57	.0000	-.11	184.51	.0000	-.00
48.66	-.0013	-464.54	117.60	.0000	-.07	186.54	.0000	-.00
50.69	-.0010	-431.01	119.63	.0000	-.03	188.57	.0000	-.00
52.72	-.0005	-375.54	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0001	-309.76	123.68	.0000	.02	192.62	.0000	-.00
56.77	.0002	-242.31	125.71	.0000	.03	194.65	.0000	-.00
58.80	.0003	-179.14	127.74	.0000	.04	196.68	.0000	-.00
60.83	.0004	-125.86	129.77	.0000	.04	198.71	.0000	-.00
62.86	.0004	-78.27	131.79	.0000	.04	200.73	.0000	-.00
64.88	.0003	-42.74	133.82	.0000	.04	202.76	.0000	-.00
66.91	.0003	-16.73	135.85	.0000	.03			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 10
PILE JOINT NO. 1011

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	2.7215	-54184.15	66.94	.0014	-639.48	157.88	.0000	-.00
2.03	2.5438	-42998.60	70.97	.0015	-417.43	159.91	.0000	.03
4.05	2.3531	-31867.62	72.99	.0015	-241.09	141.93	.0000	.05
6.08	2.1553	-20851.10	75.02	.0013	-109.89	145.96	.0000	.07
8.11	1.9642	-9913.25	77.05	.0010	-19.22	145.99	.0000	.07
10.14	1.7516	858.02	79.08	.0008	37.64	148.02	.0000	.07
12.17	1.5195	11087.54	81.10	.0006	68.14	150.04	.0000	.07
14.19	1.3108	20403.28	83.13	.0004	79.49	152.07	.0000	.06
16.22	1.1346	28556.83	85.16	.0002	78.02	154.10	.0000	.05
18.25	.9184	35270.80	87.19	.0001	68.92	156.13	.0000	.03
20.28	.7595	40450.87	89.22	.0000	56.15	158.15	-.0000	.04
22.30	.5707	43960.99	91.24	-.0000	42.47	160.18	-.0000	.03
24.33	.4339	45829.03	93.27	-.0000	29.73	162.21	-.0000	.02
26.36	.3119	45944.76	95.30	-.0001	18.94	164.24	-.0000	.02
28.39	.2106	44478.10	97.33	-.0001	10.56	166.26	-.0000	.01
30.41	.1500	41307.17	99.35	-.0001	4.65	168.29	-.0000	.01
32.44	.0879	36900.11	101.38	-.0000	1.00	170.32	-.0000	.00
34.47	.0226	31310.44	103.41	-.0000	-.60	172.35	-.0000	.00
36.50	-.0004	25509.25	105.44	-.0000	-1.19	174.37	-.0000	-.00
38.52	-.0279	19861.49	107.46	-.0000	-1.54	176.40	-.0000	-.00
40.55	-.0565	14690.76	109.49	-.0000	-1.71	178.43	-.0000	-.00
42.58	-.0421	10196.00	111.52	-.0000	-1.73	180.46	-.0000	-.00
44.61	-.0412	6472.41	113.55	-.0000	-1.66	182.49	-.0000	-.00
46.64	-.0374	3554.14	115.57	-.0000	-1.52	184.51	-.0000	-.00
48.66	-.0319	1536.47	117.60	-.0000	-1.34	186.54	-.0000	-.00
50.69	-.0259	-203.48	119.63	-.0000	-1.15	188.57	-.0000	-.00
52.72	-.0200	-1190.74	121.66	.0000	-.95	190.60	-.0000	-.00
54.75	-.0146	-1755.44	123.68	.0000	-.76	192.62	.0000	-.00
56.77	-.0099	-1948.33	125.71	.0000	-.59	194.65	.0000	-.00
58.80	-.0062	-1921.50	127.74	.0000	-.44	196.68	.0000	-.00
60.83	-.0034	-1745.27	129.77	.0000	-.31	198.71	.0000	-.00
62.86	-.0013	-1484.75	131.79	.0000	-.20	200.73	.0000	-.00
64.88	.0001	-1191.49	133.82	.0000	-.12	202.76	.0000	0.00
66.91	.0009	-901.48	135.85	.0000	-.05			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	2.7992	-55012.85	68.94	.0016	-647.62	137.88	.0000	.03
2.03	2.6105	-45827.56	70.97	.0017	-414.93	139.91	.0000	.06
4.06	2.4164	-36241.09	72.99	.0016	-231.97	141.93	.0000	.08
6.08	2.2190	-26847.97	75.02	.0014	-97.35	143.96	.0000	.09
8.11	1.9922	-9642.71	77.05	.0011	-5.65	145.99	.0000	.09
10.14	1.7721	1460.25	79.08	.0008	50.59	148.02	.0000	.09
12.17	1.5525	12059.70	81.10	.0006	79.48	150.04	.0000	.08
14.19	1.3371	21695.45	83.13	.0004	88.72	152.07	.0000	.07
16.22	1.1295	30103.21	85.16	.0002	85.03	154.10	.0000	.06
18.25	.9322	37053.43	87.19	.0001	73.85	156.13	-.0000	.05
20.28	.7480	42383.65	89.22	.0000	59.29	158.15	-.0000	.04
22.30	.5806	45965.62	91.24	-.0000	44.21	160.18	-.0000	.03
24.33	.4341	47813.98	93.27	-.0001	30.43	162.21	-.0000	.02
26.36	.3094	47870.23	95.30	-.0001	18.94	164.24	-.0000	.02
28.39	.2064	46161.22	97.33	-.0001	10.13	166.26	-.0000	.01
30.41	.1244	42767.25	99.35	-.0001	4.01	168.29	-.0000	.01
32.44	.0619	37903.97	101.38	-.0000	.54	170.32	-.0000	.00
34.47	.0180	32111.20	103.41	-.0000	-1.21	172.35	-.0000	-.00
36.50	-.0140	26036.05	105.44	-.0000	-1.72	174.37	-.0000	-.00
38.52	-.0329	20155.53	107.46	-.0000	-1.99	176.40	-.0000	-.00
40.55	-.0426	14792.65	109.49	-.0000	-2.08	178.43	-.0000	-.00
42.58	-.0455	10155.34	111.52	-.0000	-2.03	180.46	-.0000	-.00
44.61	-.0439	6524.57	113.55	-.0000	-1.88	182.49	-.0000	-.00
46.64	-.0395	3527.70	115.57	-.0000	-1.68	184.51	-.0000	-.00
48.65	-.0355	1099.76	117.60	-.0000	-1.45	186.54	-.0000	-.00
50.69	-.0267	-445.43	119.63	.0000	-1.22	188.57	-.0000	-.00
52.72	-.0204	-1418.56	121.66	.0000	-.99	190.60	.0000	-.00
54.75	-.0147	-1957.34	123.68	.0000	-.77	192.62	.0000	-.00
56.77	-.0099	-2115.61	125.71	.0000	-.58	194.65	.0000	-.00
58.80	-.0060	-2056.03	127.74	.0000	-.42	196.68	.0000	-.00
60.83	-.0031	-1845.79	129.77	.0000	-.28	198.71	.0000	-.00
62.86	-.0010	-1554.76	131.79	.0000	-.17	200.73	.0000	-.00
64.88	.0004	-1235.65	133.82	.0000	-.08	202.76	.0000	0.00
66.91	.0012	-925.42	135.85	.0000	-.02			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	1.0570	-33404.61	66.94	.0010	-319.73	137.68	.0000	.04
2.03	1.5422	-25971.22	70.97	.0010	-192.89	139.91	.0000	.05
4.06	1.4103	-18501.39	72.99	.0009	-96.51	141.93	.0000	.06
6.08	1.2379	-11105.52	75.02	.0008	-28.20	143.96	.0000	.06
8.11	1.1556	-3811.03	77.05	.0006	16.16	145.99	.0000	.05
10.14	1.0179	3555.73	79.08	.0004	41.44	148.02	.0000	.05
12.17	.8655	10098.80	81.10	.0003	52.51	150.04	.0000	.04
14.19	.7525	16169.21	83.13	.0002	55.79	152.07	.0000	.04
16.22	.6275	21565.11	85.16	.0001	48.97	154.10	-.0000	.03
18.25	.5096	25512.02	87.19	.0000	40.94	156.13	-.0000	.02
20.28	.4008	28493.87	89.22	-.0000	31.79	158.15	-.0000	.02
22.30	.3033	30235.29	91.24	-.0000	22.94	160.18	-.0000	.01
24.33	.2196	30719.83	93.27	-.0000	15.19	162.21	-.0000	.01
26.36	.1493	30000.18	95.30	-.0000	8.96	164.24	-.0000	.01
28.39	.0937	28084.86	97.33	-.0000	4.54	166.26	-.0000	.00
30.41	.0503	25127.54	99.35	-.0000	1.24	168.29	-.0000	.00
32.44	.0184	21520.55	101.38	-.0000	-.53	170.32	-.0000	-.00
34.47	-.0038	17665.41	103.41	-.0000	-1.20	172.35	-.0000	-.00
36.50	-.0179	13874.52	105.44	-.0000	-1.54	174.37	-.0000	-.00
38.52	-.0257	10371.08	107.46	-.0000	-1.58	176.40	-.0000	-.00
40.55	-.0288	7297.00	109.49	-.0000	-1.55	178.43	-.0000	-.00
42.58	-.0286	4725.28	111.52	-.0000	-1.22	180.46	-.0000	-.00
44.61	-.0262	2674.00	113.55	-.0000	-1.08	182.49	-.0000	-.00
46.64	-.0226	1120.41	115.57	-.0000	-.93	184.51	-.0000	-.00
48.66	-.0185	14.17	117.60	.0000	-.77	186.54	-.0000	-.00
50.69	-.0144	-711.08	119.63	.0000	-.62	188.57	.0000	-.00
52.72	-.0107	-1127.96	121.66	.0000	-.49	190.60	.0000	-.00
54.75	-.0074	-1308.56	123.68	.0000	-.36	192.62	.0000	-.00
56.77	-.0047	-1319.32	125.71	.0000	-.26	194.65	.0000	-.00
58.80	-.0027	-1217.45	127.74	.0000	-.17	196.68	.0000	-.00
60.83	-.0011	-1051.31	129.77	.0000	-.10	198.71	.0000	-.00
62.85	-.0001	-856.15	131.79	.0000	-.05	200.73	.0000	-.00
64.88	.0005	-658.72	133.82	.0000	-.01	202.76	.0000	0.00
66.91	.0009	-476.52	135.85	.0000	.02			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	1.6370	-34710.67	68.94	.0010	-320.99	137.88	.0000	.04
2.03	1.5257	-27125.95	70.97	.0010	-194.48	139.91	.0000	.05
4.06	1.4049	-19505.55	72.99	.0009	-98.15	141.93	.0000	.06
6.08	1.2772	-12119.40	75.02	.0008	-29.71	143.96	.0000	.06
8.11	1.1453	-4755.34	77.05	.0006	14.87	145.99	.0000	.05
10.14	1.0117	2461.06	79.08	.0004	40.42	148.02	.0000	.05
12.17	.8784	9294.82	81.10	.0003	51.75	150.04	.0000	.04
14.19	.7495	15437.58	83.13	.0002	53.27	152.07	.0000	.04
16.22	.6258	20705.58	85.16	.0001	48.64	154.10	-.0000	.03
18.25	.5086	24930.37	87.19	.0000	40.76	156.13	-.0000	.02
20.28	.4006	27969.16	89.22	-.0000	31.72	158.15	-.0000	.02
22.30	.3037	29606.63	91.24	-.0000	22.94	160.18	-.0000	.01
24.33	.2203	30370.68	93.27	-.0000	15.23	162.21	-.0000	.01
26.36	.1507	29727.51	95.30	-.0000	9.02	164.24	-.0000	.01
28.39	.0946	27865.24	97.33	-.0000	4.41	166.26	-.0000	.00
30.41	.0513	24995.15	99.35	-.0000	1.30	168.29	-.0000	.00
32.44	.0192	21442.5[illegible]	101.38	-.0000	-.48	170.32	-.0000	.00
34.47	-.0030	17629.	103.41	-.0000	-1.15	172.35	-.0000	-.00
36.50	-.0175	13870.	105.44	-.0000	-1.51	174.37	-.0000	-.00
38.52	-.0252	10[illegible]	107.46	-.0000	-1.55	176.40	-.0000	-.00
40.55	-.0264	7527.83	109.49	-.0000	-1.31	178.43	-.0000	-.00
42.58	-.0233	4702.97	111.52	-.0000	-1.21	180.46	-.0000	-.00
44.61	-.0200	2713.58	113.55	-.0000	-1.07	182.49	-.0000	-.00
46.64	-.0225	1158.36	115.57	-.0000	-.92	184.51	-.0000	-.00
48.66	-.0185	48.23	117.60	.0000	-.77	186.54	-.0000	-.00
50.69	-.0144	-662.17	119.63	.0000	-.62	188.57	.0000	-.00
52.72	-.0107	-1104.64	121.66	.0000	-.49	190.60	.0000	-.00
54.75	-.0074	-1290.71	123.68	.0000	-.37	192.62	.0000	-.00
56.77	-.0046	-1306.44	125.71	.0000	-.26	194.65	.0000	-.00
58.80	-.0027	-1209.21	127.74	.0000	-.17	196.68	.0000	-.00
60.83	-.0012	-1046.10	129.77	.0000	-.10	198.71	.0000	-.00
62.86	-.0001	-853.56	131.79	.0000	-.05	200.73	.0000	-.00
64.88	.0005	-658.01	133.82	.0000	-.01	202.76	.0000	-.00
66.91	.0004	-477.95	135.85	.0000	.02			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	3.2114	-62812.00	68.94	.0017	-765.15	137.88	.0000	.01
2.03	3.0059	-58150.19	70.97	.0019	-511.40	139.91	.0000	.05
4.06	2.7829	-37875.80	72.99	.0018	-295.12	141.93	.0000	.08
6.08	2.5406	-24935.96	75.02	.0016	-133.91	143.96	.0000	.09
8.11	2.3917	-12277.75	77.05	.0013	-22.38	145.99	.0000	.10
10.14	2.0524	151.81	79.08	.0010	47.60	148.02	.0000	.10
12.17	1.8032	12038.95	81.10	.0007	85.09	150.04	.0000	.09
14.19	1.5582	22470.38	83.13	.0004	98.98	152.07	.0000	.08
16.22	1.3213	32545.94	85.16	.0003	96.95	154.10	.0000	.07
18.25	1.0958	40515.40	87.19	.0001	85.52	156.13	-.0000	.06
20.28	.8846	46705.72	89.22	.0000	69.55	158.15	-.0000	.05
22.30	.6918	51006.20	91.24	-.0000	52.51	160.18	-.0000	.04
24.33	.5223	53359.34	93.27	-.0001	36.65	162.21	-.0000	.03
26.36	.3770	53761.37	95.30	-.0001	23.24	164.24	-.0000	.02
28.39	.2562	52252.18	97.33	-.0001	12.83	166.26	-.0000	.01
30.41	.1591	48864.37	99.35	-.0001	5.49	168.29	-.0000	.01
32.44	.0842	43790.54	101.38	-.0001	1.02	170.32	-.0000	.00
34.47	.0293	37500.93	103.41	-.0000	-.94	172.35	-.0000	.00
36.50	-.0086	30729.02	105.44	-.0000	-1.65	174.37	-.0000	-.00
38.52	-.0326	24054.95	107.46	-.0000	-2.06	176.40	-.0000	-.00
40.55	-.0455	17869.03	109.49	-.0000	-2.24	178.43	-.0000	-.00
42.58	-.0504	12490.06	111.52	-.0000	-2.25	180.46	-.0000	-.00
44.61	-.0496	7969.36	113.55	-.0000	-2.13	182.49	-.0000	-.00
46.64	-.0451	4417.47	115.57	-.0000	-1.94	184.51	-.0000	-.00
48.66	-.0387	1750.75	117.60	-.0000	-1.70	186.54	-.0000	-.00
50.69	-.0314	-163.97	119.63	.0000	-1.45	188.57	-.0000	-.00
52.72	-.0242	-1387.30	121.66	.0000	-1.19	190.60	.0000	-.00
54.75	-.0177	-2071.03	123.68	.0000	-.95	192.62	.0000	-.00
56.77	-.0121	-2345.02	125.71	.0000	-.73	194.65	.0000	-.00
58.80	-.0075	-2328.04	127.74	.0000	-.53	196.68	.0000	-.00
60.83	-.0041	-2122.17	129.77	.0000	-.37	198.71	.0000	-.00
62.86	-.0015	-1810.26	131.79	.0000	-.24	200.73	.0000	-.00
64.88	.0002	-1455.63	133.82	.0000	-.13	202.76	.0000	0.00
66.91	.0012	-1103.44	135.85	.0000	-.05			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.4655	13427.66	68.94	.0003	7.00	137.88	.0000	.04
2.03	.4436	13875.77	70.97	.0002	19.59	139.91	-.0000	.03
4.06	.3366	14298.00	72.99	.0002	25.43	141.93	-.0000	.03
6.08	.2796	14671.60	75.02	.0001	26.53	143.96	-.0000	.02
8.11	.2278	14975.45	77.05	.0001	24.58	145.99	-.0000	.02
10.14	.1815	15191.26	79.08	.0000	20.94	148.02	-.0000	.01
12.17	.1400	15202.66	81.10	-.0000	16.63	150.04	-.0000	.01
14.19	.1041	14922.04	83.13	-.0000	12.53	152.07	-.0000	.01
16.22	.0735	14269.78	85.16	-.0000	8.48	154.10	-.0000	.00
18.25	.0478	13274.18	87.19	-.0000	5.50	156.13	-.0000	.00
20.28	.0269	11912.02	89.22	-.0000	2.85	158.15	-.0000	-.00
22.30	.0106	10314.23	91.24	-.0000	1.10	160.18	-.0000	-.00
24.33	-.0009	8612.98	93.27	-.0000	-.05	162.21	-.0000	-.00
26.36	-.0086	6920.54	95.30	-.0000	-.71	164.24	-.0000	-.00
28.39	-.0131	5325.09	97.33	-.0000	-1.01	166.26	-.0000	-.00
30.41	-.0152	3869.57	99.35	-.0000	-1.06	168.29	-.0000	-.00
32.44	-.0155	2652.95	101.38	-.0000	-.98	170.32	-.0000	-.00
34.47	-.0146	1633.00	103.41	.0000	-.83	172.35	-.0000	-.00
36.50	-.0129	830.05	105.44	.0000	-.69	174.37	-.0000	-.00
38.52	-.0109	230.15	107.46	.0000	-.55	176.40	.0000	-.00
40.55	-.0088	-189.50	109.49	.0000	-.42	178.43	.0000	-.00
42.58	-.0068	-456.83	111.52	.0000	-.31	180.46	.0000	-.00
44.61	-.0049	-601.60	113.55	.0000	-.22	182.49	.0000	-.00
46.64	-.0034	-652.98	115.57	.0000	-.14	184.51	.0000	-.00
48.66	-.0021	-637.67	117.60	.0000	-.08	186.54	.0000	-.00
50.69	-.0011	-578.78	119.63	.0000	-.03	188.57	.0000	-.00
52.72	-.0004	-495.24	121.66	.0000	.00	190.60	.0000	-.00
54.75	.0000	-401.77	123.68	.0000	.03	192.62	.0000	-.00
56.77	.0003	-309.02	125.71	.0000	.04	194.65	.0000	-.00
58.80	.0005	-224.14	127.74	.0000	.05	196.68	.0000	-.00
60.83	.0005	-151.25	129.77	.0000	.06	198.71	.0000	-.00
62.86	.0005	-92.15	131.79	.0000	.05	200.73	.0000	.00
64.88	.0005	-46.92	133.82	.0000	.05	202.76	-.0000	-.00
66.91	.0004	-14.47	135.85	.0000	.05			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 12
PILE JOINT NO. 1011

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	2.7651	-55082.15	68.94	.0016	-659.92	137.88	.0000	.05
2.03	2.5835	-43752.17	70.97	.0017	-409.88	139.91	.0000	.06
4.06	2.3805	-32421.47	72.99	.0016	-229.04	141.93	.0000	.08
6.08	2.1822	-21134.36	75.02	.0014	-96.00	143.96	.0000	.09
8.11	1.9804	-9935.21	77.05	.0011	-5.41	145.99	.0000	.09
10.14	1.7812	1151.79	79.08	.0008	50.14	148.02	.0000	.09
12.17	1.5843	11055.57	81.10	.0006	78.66	150.04	.0000	.08
14.19	1.3910	21243.12	83.13	.0004	87.75	152.07	.0000	.07
16.22	1.1103	29812.02	85.16	.0002	84.08	154.10	.0000	.06
18.25	.9214	36533.86	87.19	.0001	73.01	156.13	-.0000	.05
20.28	.7395	41446.53	89.22	.0000	58.61	158.15	-.0000	.04
22.30	.5758	45441.61	91.24	-.0000	43.69	160.18	-.0000	.03
24.33	.4290	47274.12	93.27	-.0001	30.07	162.21	-.0000	.02
26.36	.3057	47344.74	95.30	-.0001	18.71	164.24	-.0000	.02
28.39	.2039	45661.32	97.33	-.0001	10.01	166.26	-.0000	.01
30.41	.1229	42323.33	99.35	-.0001	3.95	168.29	-.0000	.01
32.44	.0611	37464.89	101.38	-.0000	.33	170.32	-.0000	.00
34.47	.0163	31750.07	103.41	-.0000	-1.20	172.35	-.0000	-.00
36.50	-.0140	25738.36	105.44	-.0000	-1.71	174.37	-.0000	-.00
38.52	-.0326	19919.19	107.46	-.0000	-1.97	176.40	-.0000	-.00
40.55	-.0422	14617.31	109.49	-.0000	-2.05	178.43	-.0000	-.00
42.58	-.0451	10030.07	111.52	-.0000	-2.00	180.46	-.0000	-.00
44.61	-.0434	6248.95	113.55	-.0000	-1.86	182.49	-.0000	-.00
46.64	-.0389	3282.93	115.57	-.0000	-1.66	184.51	-.0000	-.00
48.66	-.0329	1081.37	117.60	-.0000	-1.44	186.54	-.0000	-.00
50.69	-.0264	-445.09	119.63	.0000	-1.20	188.57	-.0000	-.00
52.72	-.0202	-1406.02	121.66	.0000	-.97	190.60	.0000	-.00
54.75	-.0145	-1917.86	123.68	.0000	-.76	192.62	.0000	-.00
56.77	-.0098	-2093.22	125.71	.0000	-.57	194.65	.0000	-.00
58.80	-.0059	-2033.65	127.74	.0000	-.41	196.68	.0000	-.00
60.83	-.0030	-1825.25	129.77	.0000	-.27	198.71	.0000	-.00
62.86	-.0010	-1537.16	131.79	.0000	-.16	200.73	.0000	-.00
64.88	.0004	-1221.44	133.82	.0000	-.08	202.76	.0000	0.00
66.91	.0012	-914.62	135.85	.0000	-.01			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 12
PILE JOINT NO. 1012

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	2.7308	-53632.53	66.94	.0014	-640.60	137.88	.0000	-.00
2.03	2.5592	-42465.58	70.97	.0015	-417.98	139.91	.0000	.03
4.06	2.3667	-31361.84	72.99	.0015	-241.24	141.93	.0000	.05
6.08	2.1631	-20349.01	75.02	.0013	-109.79	143.96	.0000	.07
8.11	1.9524	-9454.88	77.05	.0010	-18.98	145.99	.0000	.07
10.14	1.7384	1292.67	79.08	.0008	37.93	148.02	.0000	.07
12.17	1.5249	11498.80	81.10	.0006	68.45	150.04	.0000	.07
14.19	1.3154	20769.50	83.13	.0004	79.77	152.07	.0000	.06
16.22	1.1131	28896.20	85.16	.0002	78.25	154.10	.0000	.05
18.25	.9211	35601.57	87.19	.0001	69.10	156.13	.0000	.05
20.28	.7415	40751.57	89.22	.0000	56.26	158.15	-.0000	.04
22.30	.5761	44250.68	91.24	-.0000	42.56	160.18	-.0000	.03
24.33	.4348	46067.25	93.27	-.0000	29.76	162.21	-.0000	.02
26.36	.3124	46201.57	95.30	-.0001	18.97	164.24	-.0000	.02
28.39	.2111	44653.61	97.33	-.0001	10.56	166.26	-.0000	.01
30.41	.1300	41511.90	99.35	-.0001	4.63	168.29	-.0000	.01
32.44	.0679	36915.12	101.38	-.0000	1.00	170.32	-.0000	.00
34.47	.0225	31397.93	103.41	-.0000	-.61	172.35	-.0000	.00
36.50	-.0066	25572.44	105.44	-.0000	-1.20	174.37	-.0000	-.00
38.52	-.0281	19904.19	107.46	-.0000	-1.55	176.40	-.0000	-.00
40.55	-.0385	14716.92	109.49	-.0000	-1.72	178.43	-.0000	-.00
42.58	-.0423	10209.40	111.52	-.0000	-1.74	180.46	-.0000	-.00
44.61	-.0413	6476.49	113.55	-.0000	-1.66	182.49	-.0000	-.00
46.64	-.0375	3531.86	115.57	-.0000	-1.52	184.51	-.0000	-.00
48.66	-.0320	1330.24	117.60	-.0000	-1.35	186.54	-.0000	-.00
50.69	-.0260	-212.16	119.63	-.0000	-1.15	188.57	-.0000	-.00
52.72	-.0200	-1199.66	121.66	.0000	-.95	190.60	-.0000	-.00
54.75	-.0146	-1744.08	123.68	.0000	-.76	192.62	.0000	-.00
56.77	-.0100	-1954.08	125.71	.0000	-.59	194.65	.0000	-.00
58.80	-.0062	-1928.20	127.74	.0000	-.44	196.68	.0000	-.00
60.83	-.0034	-1750.49	129.77	.0000	-.31	198.71	.0000	-.00
62.86	-.0013	-1488.71	131.79	.0000	-.20	200.73	.0000	-.00
64.88	.0001	-1194.31	133.82	.0000	-.12	202.76	.0000	0.00
66.91	.0010	-903.75	135.85	.0000	-.05			

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	1.5182	-30485.50	68.94	.0010	-275.67	137.88	.0000	.00
2.03	1.4107	-23494.45	70.97	.0010	-160.56	139.91	.0000	.00
4.06	1.2949	-16525.14	72.99	.0009	-74.39	141.93	.0000	.00
6.08	1.1734	-9812.89	75.02	.0007	-14.41	143.96	.0000	.00
8.11	1.0485	-2790.93	77.05	.0005	23.56	145.99	.0000	.00
10.14	.9225	3909.66	79.08	.0004	44.26	148.02	.0000	.05
12.17	.7960	10203.36	81.10	.0002	52.29	150.04	.0000	.04
14.19	.6771	15848.74	83.13	.0001	51.77	152.07	-.0000	.04
16.22	.5617	20648.29	85.16	.0001	46.07	154.10	-.0000	.03
18.25	.4536	24440.43	87.19	.0000	37.62	156.13	-.0000	.02
20.28	.3540	27102.56	89.22	-.0000	28.87	158.15	-.0000	.02
22.30	.2652	28573.09	91.24	-.0000	20.44	160.18	-.0000	.01
24.33	.1894	28838.36	93.27	-.0000	13.22	162.21	-.0000	.01
26.36	.1287	27950.42	95.30	-.0000	7.52	164.24	-.0000	.00
28.39	.0787	25922.08	97.33	-.0000	3.36	166.26	-.0000	.00
30.41	.0385	22962.93	99.35	-.0000	.63	168.29	-.0000	.00
32.44	.0107	19462.86	101.38	-.0000	-.88	170.32	-.0000	-.00
34.47	-.0062	15839.47	103.41	-.0000	-1.40	172.35	-.0000	-.00
36.50	-.0199	12309.14	105.44	-.0000	-1.47	174.37	-.0000	-.00
38.52	-.0260	9063.21	107.46	-.0000	-1.44	176.40	-.0000	-.00
40.55	-.0260	6281.28	109.49	-.0000	-1.35	178.43	-.0000	-.00
42.58	-.0271	3960.46	111.52	-.0000	-1.21	180.46	-.0000	-.00
44.61	-.0245	2129.04	113.55	-.0000	-1.05	182.49	-.0000	-.00
46.64	-.0208	759.35	115.57	.0000	-.88	184.51	-.0000	-.00
48.66	-.0168	-199.89	117.60	.0000	-.71	186.54	.0000	-.00
50.69	-.0129	-813.25	119.63	.0000	-.56	188.57	.0000	-.00
52.72	-.0094	-1149.68	121.66	.0000	-.42	190.60	.0000	-.00
54.75	-.0064	-1276.57	123.68	.0000	-.31	192.62	.0000	-.00
56.77	-.0040	-1255.28	125.71	.0000	-.21	194.65	.0000	-.00
58.80	-.0021	-1138.40	127.74	.0000	-.13	196.68	.0000	-.00
60.83	-.0008	-968.51	129.77	.0000	-.06	198.71	.0000	-.00
62.86	.0001	-778.09	131.79	.0000	-.02	200.73	.0000	-.00
64.88	.0007	-590.26	133.82	.0000	.02	202.76	.0000	0.00
66.91	.0009	-420.00	135.85	.0000	.04			

STRAN-PILE ANALYSIS

LOAD CONDITION NO. 13
PILE JOINT NO. 1011

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	1.4693	-30601.76	68.94	.0010	-270.73	137.88	.0000	.05
2.03	1.3845	-28657.25	70.97	.0010	-157.56	139.91	.0000	.06
4.06	1.2714	-16733.98	72.99	.0008	-72.86	141.93	.0000	.06
6.08	1.1525	-9867.16	75.02	.0007	-13.93	143.96	.0000	.06
8.11	1.0300	-3089.96	77.05	.0005	23.36	145.99	.0000	.06
10.14	.9065	3566.68	79.08	.0004	43.66	148.02	.0000	.05
12.17	.7843	9819.94	81.10	.0002	51.51	150.04	.0000	.04
14.19	.6654	15430.28	83.13	.0001	50.96	152.07	-.0000	.04
16.22	.5521	20202.37	85.16	.0001	45.33	154.10	-.0000	.03
18.25	.4458	23975.25	87.19	.0000	37.20	156.13	-.0000	.02
20.28	.3479	26626.43	89.22	-.0000	28.39	158.15	-.0000	.02
22.30	.2606	28095.91	91.24	-.0000	20.09	160.18	-.0000	.01
24.33	.1860	28571.49	93.27	-.0000	12.99	162.21	-.0000	.01
26.36	.1244	27503.41	95.30	-.0000	7.38	164.24	-.0000	.00
28.39	.0752	25504.48	97.33	-.0000	3.29	166.26	-.0000	.00
30.41	.0377	22566.77	99.35	-.0000	.61	168.29	-.0000	.00
32.44	.0104	19158.79	101.38	-.0000	-.88	170.32	-.0000	-.00
34.47	-.0082	15572.47	103.41	-.0000	-1.39	172.35	-.0000	-.00
36.50	-.0197	12047.84	105.44	-.0000	-1.45	174.37	-.0000	-.00
38.52	-.0257	8924.27	107.46	-.0000	-1.42	176.40	-.0000	-.00
40.55	-.0276	6168.60	109.49	-.0000	-1.33	178.43	-.0000	-.00
42.58	-.0267	3866.72	111.52	-.0000	-1.19	180.46	-.0000	-.00
44.61	-.0241	2069.51	113.55	-.0000	-1.03	182.49	-.0000	-.00
46.64	-.0205	740.62	115.57	.0000	-.86	184.51	-.0000	-.00
48.66	-.0166	-201.54	117.60	.0000	-.70	186.54	.0000	-.00
50.69	-.0127	-803.59	119.63	.0000	-.55	188.57	.0000	-.00
52.72	-.0092	-1133.40	121.66	.0000	-.42	190.60	.0000	-.00
54.75	-.0063	-1257.29	123.68	.0000	-.30	192.62	.0000	-.00
56.77	-.0039	-1235.63	125.71	.0000	-.20	194.65	.0000	-.00
58.80	-.0021	-1120.12	127.74	.0000	-.12	196.68	.0000	-.00
60.83	-.0008	-952.63	129.77	.0000	-.06	198.71	.0000	-.00
62.86	.0001	-765.09	131.79	.0000	-.01	200.73	.0000	-.00
64.88	.0007	-580.20	133.82	.0000	.02	202.76	.0000	0.00
66.91	.0009	-412.69	135.85	.0000	.04			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 13
PILE JOINT NO. 1012

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	3.0120	-50152.52	68.94	.0014	-719.06	137.88	.0000	-.02
2.03	2.8155	-44347.79	70.97	.0010	-474.24	139.91	.0000	.02
4.06	2.6135	-38611.79	72.99	.0010	-278.50	141.93	.0000	.05
6.09	2.3900	-32970.56	75.02	.0014	-131.85	143.96	.0000	.07
8.11	2.1491	-27450.71	77.05	.0012	-29.60	145.99	.0000	.07
10.14	1.9149	1921.78	79.08	.0009	35.28	148.02	.0000	.08
12.17	1.6813	12753.34	81.10	.0006	70.87	150.04	.0000	.07
14.19	1.4525	22650.51	83.13	.0004	84.98	152.07	.0000	.07
16.22	1.2312	31290.16	85.16	.0002	84.60	154.10	.0000	.06
18.25	1.0211	38445.55	87.19	.0001	75.44	156.13	.0000	.05
20.28	.8245	43958.20	89.22	.0000	61.93	158.15	-.0000	.04
22.30	.6453	47735.47	91.24	-.0000	47.20	160.18	-.0000	.03
24.33	.4878	49742.15	93.27	-.0001	33.52	162.21	-.0000	.03
26.36	.3530	49988.84	95.30	-.0001	21.45	164.24	-.0000	.02
28.39	.2408	48459.77	97.33	-.0001	12.16	166.26	-.0000	.01
30.41	.1507	45239.14	99.35	-.0001	5.54	168.29	-.0000	.01
32.44	.0812	40474.88	101.38	-.0001	1.45	170.32	-.0000	.01
34.47	.0301	34626.52	103.41	-.0000	-.39	172.35	-.0000	.00
36.50	-.0055	28363.81	105.44	-.0000	-1.10	174.37	-.0000	.00
38.52	-.0278	22212.17	107.46	-.0000	-1.54	176.40	-.0000	-.00
40.55	-.0402	16541.13	109.49	-.0000	-1.77	178.43	-.0000	-.00
42.58	-.0450	11562.01	111.52	-.0000	-1.84	180.46	-.0000	-.00
44.61	-.0446	7450.42	113.55	-.0000	-1.78	182.49	-.0000	-.00
46.64	-.0408	4170.94	115.57	-.0000	-1.65	184.51	-.0000	-.00
48.66	-.0351	1701.48	117.60	-.0000	-1.48	186.54	-.0000	-.00
50.69	-.0287	-44.40	119.63	-.0000	-1.27	188.57	-.0000	-.00
52.72	-.0222	-1177.28	121.66	.0000	-1.07	190.60	-.0000	-.00
54.75	-.0163	-1817.52	123.68	.0000	-.86	192.62	.0000	-.00
56.77	-.0113	-2063.31	125.71	.0000	-.68	194.65	.0000	-.00
58.80	-.0071	-2002.56	127.74	.0000	-.51	196.68	.0000	-.00
60.83	-.0039	-1907.98	129.77	.0000	-.37	198.71	.0000	-.00
62.86	-.0016	-1634.77	131.79	.0000	-.25	200.73	.0000	-.00
64.88	-.0000	-1320.49	133.82	.0000	-.15	202.76	.0000	.00
66.91	.0009	-1006.27	135.85	.0000	-.07			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0179	-145.27	68.94	.0000	-.32	137.88	.0000	.00
2.03	.0159	-60.74	70.97	.0000	.37	139.91	.0000	.00
4.06	.0140	6M.75	72.99	.0000	.76	141.93	-.0000	.00
6.08	.0120	169.39	75.02	.0000	.92	143.96	-.0000	.00
8.11	.0101	248.54	77.05	.0000	.93	145.99	-.0000	.00
10.14	.0083	345.10	79.08	.0000	.84	148.02	-.0000	.00
12.17	.0066	467.96	81.10	.0000	.70	150.04	-.0000	.00
14.19	.0051	511.47	83.13	-.0000	.55	152.07	-.0000	.00
16.22	.0038	524.19	85.16	-.0000	.40	154.10	-.0000	.00
18.25	.0027	510.64	87.19	-.0000	.27	156.13	-.0000	.00
20.28	.0017	476.29	89.22	-.0000	.16	158.15	-.0000	.00
22.30	.0009	427.06	91.24	-.0000	.08	160.18	-.0000	-.00
24.33	.0004	368.46	93.27	-.0000	.03	162.21	-.0000	-.00
26.36	-.0000	306.20	95.30	-.0000	-.01	164.24	-.0000	-.00
28.39	-.0003	245.23	97.33	-.0000	-.03	166.26	-.0000	-.00
30.41	-.0005	187.45	99.35	-.0000	-.04	168.29	-.0000	-.00
32.44	-.0005	135.76	101.38	-.0000	-.04	170.32	-.0000	-.00
34.47	-.0005	91.53	103.41	-.0000	-.03	172.35	-.0000	-.00
36.50	-.0005	55.34	105.44	.0000	-.03	174.37	-.0000	-.00
38.52	-.0004	27.10	107.46	.0000	-.02	176.40	-.0000	-.00
40.55	-.0004	6.21	109.49	.0000	-.02	178.43	.0000	-.00
42.58	-.0003	-8.20	111.52	.0000	-.01	180.46	.0000	-.00
44.61	-.0002	-17.19	113.55	.0000	-.01	182.49	.0000	-.00
46.64	-.0002	-21.88	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0001	-23.31	117.60	.0000	-.00	186.54	.0000	-.00
50.69	-.0001	-22.46	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-20.16	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-17.07	123.68	.0000	.00	192.62	.0000	-.00
56.77	.0000	-13.69	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-10.40	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-7.43	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-4.92	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-2.91	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-1.39	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0075	-505.97	60.94	.0000	-.79	137.68	.0000	.00
2.03	.0071	-394.31	70.97	.0000	-.30	139.91	.0000	.00
4.06	.0066	-292.86	72.99	.0000	.03	141.93	.0000	.00
6.08	.0060	-191.57	75.02	.0000	.23	143.96	.0000	.00
8.11	.0055	-95.93	77.05	.0000	.33	145.99	-.0000	.00
10.14	.0048	-6.98	79.08	.0000	.36	148.02	-.0000	.00
12.17	.0038	68.96	81.10	.0000	.34	150.04	-.0000	.00
14.19	.0032	127.83	83.13	.0000	.29	152.07	-.0000	.00
16.22	.0025	167.72	85.16	.0000	.23	154.10	-.0000	.00
18.25	.0019	191.50	87.19	-.0000	.17	156.13	-.0000	.00
20.28	.0014	197.92	89.22	-.0000	.12	158.15	-.0000	.00
22.30	.0009	193.44	91.24	-.0000	.07	160.18	-.0000	.00
24.33	.0006	179.90	93.27	-.0000	.04	162.21	-.0000	.00
26.36	.0003	160.23	95.30	-.0000	.02	164.24	-.0000	-.00
28.39	.0001	137.06	97.33	-.0000	.00	166.26	-.0000	-.00
30.41	-.0000	112.63	99.35	-.0000	-.01	168.29	-.0000	-.00
32.44	-.0001	88.70	101.38	-.0000	-.01	170.32	-.0000	-.00
34.47	-.0002	65.57	103.41	-.0000	-.01	172.35	-.0000	-.00
36.50	-.0002	47.09	105.44	-.0000	-.01	174.37	-.0000	-.00
38.52	-.0002	30.72	107.46	-.0000	-.01	176.40	-.0000	-.00
40.55	-.0002	17.57	109.49	.0000	-.01	178.43	-.0000	-.00
42.58	-.0002	7.53	111.52	.0000	-.01	180.46	-.0000	-.00
44.61	-.0001	.31	113.55	.0000	-.01	182.49	.0000	-.00
46.64	-.0001	-4.49	115.57	.0000	-.00	184.51	.0000	-.00
48.66	-.0001	-7.32	117.60	.0000	-.00	186.54	.0000	-.00
50.69	-.0001	-8.60	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-8.77	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-8.18	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-7.14	125.71	.0000	-.00	194.65	.0000	-.00
58.80	-.0000	-5.89	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-4.60	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-3.39	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-2.33	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-1.46	135.85	.0000	.00			

STRAN-PILE ANALYSIS

LOAD CONDITION NO. 14
PILE JOINT NO. 1012

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0266	-1128.00	66.94	.0000	-1.76	137.88	.0000	.00
2.03	.0263	-813.96	70.97	.0000	-.27	139.91	.0000	.00
4.06	.0254	-508.20	72.99	.0000	.67	141.93	.0000	.00
6.08	.0210	-217.43	75.02	.0000	1.18	143.96	-.0000	.00
8.11	.0182	53.39	77.05	.0000	1.37	145.99	-.0000	.00
10.14	.0154	301.18	79.08	.0000	1.35	146.02	-.0000	.00
12.17	.0127	505.16	81.10	.0000	1.21	150.04	-.0000	.00
14.19	.0101	652.97	83.13	.0000	.99	152.07	-.0000	.00
16.22	.0078	739.79	85.16	-.0000	.76	154.10	-.0000	.00
18.25	.0058	772.39	87.19	-.0000	.55	156.13	-.0000	.00
20.28	.0040	759.70	89.22	-.0000	.36	158.15	-.0000	.00
22.30	.0025	711.90	91.24	-.0000	.21	160.18	-.0000	.00
24.33	.0014	639.52	93.27	-.0000	.10	162.21	-.0000	-.00
26.36	.0006	552.29	95.30	-.0000	.02	164.24	-.0000	-.00
28.39	-.0001	459.72	97.33	-.0000	-.02	166.26	-.0000	-.00
30.41	-.0004	365.74	99.35	-.0000	-.05	168.29	-.0000	-.00
32.44	-.0007	278.57	101.38	-.0000	-.05	170.32	-.0000	-.00
34.47	-.0005	200.81	103.41	-.0000	-.05	172.35	-.0000	-.00
36.50	-.0008	134.56	105.44	-.0000	-.04	174.37	-.0000	-.00
38.52	-.0007	80.54	107.46	.0000	-.04	176.40	-.0000	-.00
40.55	-.0006	38.69	109.49	.0000	-.03	178.43	-.0000	-.00
42.58	-.0005	7.92	111.52	.0000	-.02	180.46	.0000	-.00
44.61	-.0004	-13.12	113.55	.0000	-.02	182.49	.0000	-.00
46.64	-.0003	-26.76	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0002	-32.64	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0002	-34.44	119.63	.0000	-.01	188.57	.0000	-.00
52.72	-.0001	-32.92	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-29.35	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-24.64	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-19.61	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-14.76	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-10.42	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-6.79	133.82	.0000	.00	202.76	.0000	0.00
66.91	.0000	-3.91	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0111	280.64	68.94	.0000	.42	137.88	.0000	.00
2.03	.0095	315.43	70.97	.0000	.65	139.91	-.0000	.00
4.06	.0079	347.19	72.99	.0000	.74	141.93	-.0000	.00
6.08	.0065	375.90	75.02	.0000	.72	143.96	-.0000	.00
8.11	.0052	394.57	77.05	.0000	.63	145.99	-.0000	.00
10.14	.0041	408.18	79.08	.0000	.52	148.02	-.0000	.00
12.17	.0031	410.33	81.10	-.0000	.40	150.04	-.0000	.00
14.19	.0022	398.81	83.13	-.0000	.26	152.07	-.0000	.00
16.22	.0015	373.96	85.16	-.0000	.19	154.10	-.0000	.00
18.25	.0009	338.82	87.19	-.0000	.11	156.13	-.0000	.00
20.28	.0004	296.69	89.22	-.0000	.05	158.15	-.0000	-.00
22.30	.0001	250.91	91.24	-.0000	.01	160.18	-.0000	-.00
24.33	-.0002	204.55	93.27	-.0000	-.01	162.21	-.0000	-.00
26.36	-.0003	160.11	95.30	-.0000	-.03	164.24	-.0000	-.00
28.39	-.0004	119.48	97.33	-.0000	-.03	166.26	-.0000	-.00
30.41	-.0004	83.88	99.35	-.0000	-.03	168.29	-.0000	-.00
32.44	-.0004	54.00	101.38	-.0000	-.03	170.32	-.0000	-.00
34.47	-.0004	30.01	103.41	.0000	-.02	172.35	-.0000	-.00
36.50	-.0003	11.67	105.44	.0000	-.02	174.37	.0000	-.00
38.52	-.0003	-1.53	107.46	.0000	-.01	176.40	.0000	-.00
40.55	-.0002	-10.31	109.49	.0000	-.01	178.43	.0000	-.00
42.58	-.0002	-15.46	111.52	.0000	-.01	180.46	.0000	-.00
44.61	-.0001	-17.76	113.55	.0000	-.00	182.49	.0000	-.00
46.64	-.0001	-17.97	115.57	.0000	-.00	184.51	.0000	-.00
48.66	-.0000	-16.76	117.60	.0000	-.00	186.54	.0000	-.00
50.69	-.0000	-14.68	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-12.18	121.66	.0000	.00	190.60	.0000	-.00
54.75	.0000	-9.59	123.68	.0000	.00	192.62	.0000	-.00
56.77	.0000	-7.15	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-5.00	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-3.20	129.77	.0000	.00	198.71	.0000	.00
62.86	.0000	-1.79	131.79	.0000	.00	200.73	.0000	.00
64.88	.0000	-.75	133.82	.0000	.00	202.76	-.0000	0.00
66.91	.0000	-.03	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0129	568.96	68.94	.0000	.58	137.88	.0000	.00
2.03	.0109	621.15	70.97	.0000	.82	139.91	-.0000	.00
4.06	.0090	649.87	72.99	.0000	.89	141.93	-.0000	.00
6.09	.0074	672.83	75.02	.0000	.85	143.96	-.0000	.00
8.11	.0059	688.73	77.05	.0000	.74	145.99	-.0000	.00
10.14	.0045	697.17	79.08	.0000	.60	148.02	-.0000	.00
12.17	.0034	692.63	81.10	-.0000	.45	150.04	-.0000	.00
14.19	.0024	673.07	83.13	-.0000	.32	152.07	-.0000	.00
16.22	.0016	639.10	85.16	-.0000	.21	154.10	-.0000	.00
18.25	.0009	594.23	87.19	-.0000	.12	156.13	-.0000	-.00
20.28	.0004	542.26	89.22	-.0000	.05	158.15	-.0000	-.00
22.30	-.0000	487.00	91.24	-.0000	.01	160.18	-.0000	-.00
24.33	-.0003	431.86	93.27	-.0000	-.02	162.21	-.0000	-.00
26.36	-.0004	379.68	95.30	-.0000	-.03	164.24	-.0000	-.00
28.39	-.0005	332.43	97.33	-.0000	-.04	166.26	-.0000	-.00
30.41	-.0005	291.43	99.35	-.0000	-.03	168.29	-.0000	-.00
32.44	-.0005	257.34	101.38	-.0000	-.03	170.32	-.0000	-.00
34.47	-.0004	230.23	103.41	.0000	-.02	172.35	-.0000	-.00
36.50	-.0004	209.76	105.44	.0000	-.02	174.37	.0000	-.00
38.52	-.0003	-4.76	107.46	.0000	-.02	176.40	.0000	-.00
40.55	-.0002	-14.20	109.49	.0000	-.01	178.43	.0000	-.00
42.58	-.0002	-19.51	111.52	.0000	-.01	180.46	.0000	-.00
44.61	-.0001	-21.63	113.55	.0000	-.01	182.49	.0000	-.00
46.64	-.0001	-21.84	115.57	.0000	-.00	184.51	.0000	-.00
48.66	-.0000	-19.70	117.60	.0000	-.00	186.54	.0000	-.00
50.69	-.0000	-17.05	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-13.99	121.66	.0000	.00	190.60	.0000	-.00
54.75	.0000	-10.90	123.69	.0000	.00	192.62	.0000	-.00
56.77	.0000	-8.03	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-5.52	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-3.46	129.77	.0000	.00	198.71	.0000	.00
62.86	.0000	-1.86	131.79	.0000	.00	200.73	.0000	.00
64.88	.0000	-.69	133.82	.0000	.00	202.76	-.0000	0.00
66.91	.0000	.10	135.85	.0000	.00			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 15
PILE JOINT NO. 1012

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0310	-1251.40	68.94	.0000	-1.95	137.88	.0000	.00
2.03	.0256	-907.53	70.97	.0000	-.53	139.91	.0000	.00
4.06	.0253	-572.64	72.99	.0000	.71	141.93	.0000	.00
6.08	.0228	-254.04	75.02	.0000	1.27	143.96	-.0000	.00
8.11	.0198	42.89	77.05	.0000	1.49	145.99	-.0000	.00
10.14	.0167	314.77	79.08	.0000	1.47	148.02	-.0000	.00
12.17	.0138	538.95	81.10	.0000	1.31	150.04	-.0000	.00
14.19	.0110	701.92	83.13	.0000	1.08	152.07	-.0000	.00
16.22	.0085	798.36	85.16	-.0000	.83	154.10	-.0000	.00
18.25	.0063	835.62	87.19	-.0000	.60	156.13	-.0000	.00
20.28	.0044	823.35	89.22	-.0000	.39	158.15	-.0000	.00
22.30	.0028	772.64	91.24	-.0000	.23	160.18	-.0000	.00
24.33	.0016	694.91	93.27	-.0000	.11	162.21	-.0000	-.00
26.36	.0005	600.79	95.30	-.0000	.03	164.24	-.0000	-.00
28.39	-.0000	499.54	97.33	-.0000	-.02	166.26	-.0000	-.00
30.41	-.0005	398.74	99.35	-.0000	-.05	168.29	-.0000	-.00
32.44	-.0007	304.10	101.38	-.0000	-.06	170.32	-.0000	-.00
34.47	-.0008	219.57	103.41	-.0000	-.06	172.35	-.0000	-.00
36.50	-.0008	147.47	105.44	-.0000	-.05	174.37	-.0000	-.00
38.52	-.0008	88.66	107.46	.0000	-.04	176.40	-.0000	-.00
40.55	-.0007	42.95	109.49	.0000	-.03	178.43	-.0000	-.00
42.58	-.0006	9.32	111.52	.0000	-.03	180.46	.0000	-.00
44.61	-.0005	-13.72	113.55	.0000	-.02	182.49	.0000	-.00
46.64	-.0004	-27.95	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0003	-35.22	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0002	-37.28	119.63	.0000	-.01	188.57	.0000	-.00
52.72	-.0001	-35.71	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0001	-31.86	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-26.80	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-21.36	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-16.10	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-11.39	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-7.43	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-4.30	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0169	-222.72	68.94	.0000	-.36	137.88	.0000	.00
2.03	.0151	-90.97	70.97	.0000	.31	139.91	.0000	.00
4.06	.0132	35.99	72.99	.0000	.69	141.93	-.0000	.00
6.08	.0114	154.56	75.02	.0000	.86	143.96	-.0000	.00
8.11	.0096	262.28	77.05	.0000	.87	145.99	-.0000	.00
10.14	.0079	357.81	79.08	.0000	.80	148.02	-.0000	.00
12.17	.0063	430.74	81.10	.0000	.67	150.04	-.0000	.00
14.19	.0049	475.51	83.13	-.0000	.52	152.07	-.0000	.00
16.22	.0037	490.64	85.16	-.0000	.38	154.10	-.0000	.00
18.25	.0026	480.39	87.19	-.0000	.26	156.13	-.0000	.00
20.28	.0017	449.91	89.22	-.0000	.16	158.15	-.0000	.00
22.30	.0009	404.87	91.24	-.0000	.08	160.18	-.0000	-.00
24.33	.0004	350.82	93.27	-.0000	.03	162.21	-.0000	-.00
26.36	-.0000	292.76	95.30	-.0000	-.01	164.24	-.0000	-.00
28.39	-.0003	234.82	97.33	-.0000	-.03	166.26	-.0000	-.00
30.41	-.0004	180.20	99.35	-.0000	-.03	168.29	-.0000	-.00
32.44	-.0005	131.15	101.38	-.0000	-.03	170.32	-.0000	-.00
34.47	-.0005	89.03	103.41	-.0000	-.03	172.35	-.0000	-.00
36.50	-.0005	54.45	105.44	.0000	-.03	174.37	-.0000	-.00
38.52	-.0004	27.35	107.46	.0000	-.02	176.40	-.0000	-.00
40.55	-.0004	7.22	109.49	.0000	-.02	178.43	.0000	-.00
42.58	-.0003	-6.76	111.52	.0000	-.01	180.46	.0000	-.00
44.61	-.0002	-15.57	113.55	.0000	-.01	182.49	.0000	-.00
46.64	-.0002	-20.25	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0001	-21.81	117.60	.0000	-.00	186.54	.0000	-.00
50.69	-.0001	-21.15	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-19.08	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-16.22	123.68	.0000	.00	192.62	.0000	-.00
56.77	.0000	-13.06	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-9.97	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-7.16	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-4.77	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-2.85	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-1.39	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0336	-1274.43	68.94	.0000	-1.99	137.88	.0000	.00
2.03	.0304	-912.13	70.97	.0000	-.27	139.91	.0000	.00
4.06	.0278	-559.51	72.99	.0000	.82	141.93	.0000	.00
6.08	.0245	-224.42	75.02	.0000	1.40	143.96	-.0000	.00
8.11	.0212	87.40	77.05	.0000	1.62	145.99	-.0000	.00
10.14	.0179	372.37	79.08	.0000	1.59	148.02	-.0000	.00
12.17	.0147	606.34	81.10	.0000	1.41	150.04	-.0000	.00
14.19	.0118	775.02	83.13	.0000	1.16	152.07	-.0000	.00
16.22	.0091	872.89	85.16	-.0000	.89	154.10	-.0000	.00
18.25	.0067	907.93	87.19	-.0000	.63	156.13	-.0000	.00
20.28	.0046	890.58	89.22	-.0000	.41	158.15	-.0000	.00
22.30	.0029	832.75	91.24	-.0000	.24	160.18	-.0000	.00
24.33	.0016	746.49	93.27	-.0000	.11	162.21	-.0000	-.00
26.35	.0006	643.74	95.30	-.0000	.02	164.24	-.0000	-.00
28.39	-.0001	533.78	97.33	-.0000	-.03	166.26	-.0000	-.00
30.41	-.0005	424.83	99.35	-.0000	-.06	168.29	-.0000	-.00
32.44	-.0008	322.92	101.38	-.0000	-.06	170.32	-.0000	-.00
34.47	-.0009	232.16	103.41	-.0000	-.06	172.35	-.0000	-.00
36.50	-.0009	155.02	105.44	-.0000	-.05	174.37	-.0000	-.00
38.52	-.0009	92.27	107.46	.0000	-.04	176.40	-.0000	-.00
40.55	-.0008	43.66	109.49	.0000	-.04	178.43	-.0000	-.00
42.58	-.0006	8.04	111.52	.0000	-.03	180.46	.0000	-.00
44.61	-.0005	-16.23	113.55	.0000	-.02	182.49	.0000	-.00
46.64	-.0004	-31.09	115.57	.0000	-.02	184.51	.0000	-.00
48.66	-.0003	-38.54	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0002	-40.46	119.63	.0000	-.01	188.57	.0000	-.00
52.72	-.0001	-38.55	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0001	-34.26	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-28.72	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-22.81	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-17.13	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-12.07	131.79	.0000	.00	200.73	.0000	-.00
64.89	.0000	-7.83	133.82	.0000	.00	202.76	.0000	0.00
66.91	.0000	-4.48	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0115	-683.07	68.94	.0000	-1.06	137.88	.0000	.00
2.03	.0106	-550.20	70.97	.0000	-.36	139.91	.0000	.00
4.06	.0098	-380.56	72.99	.0000	.10	141.93	.0000	.00
6.09	.0088	-237.31	75.02	.0000	.38	143.96	.0000	.00
8.11	.0078	-102.34	77.05	.0000	.51	145.99	-.0000	.00
10.14	.0067	22.77	79.08	.0000	.54	148.02	-.0000	.00
12.17	.0056	128.81	81.10	.0000	.50	150.04	-.0000	.00
14.19	.0046	209.97	83.13	.0000	.43	152.07	-.0000	.00
16.22	.0035	263.41	85.16	-.0000	.34	154.10	-.0000	.00
18.25	.0027	292.28	87.19	-.0000	.25	156.13	-.0000	.00
20.28	.0020	299.55	89.22	-.0000	.17	158.15	-.0000	.00
22.30	.0013	289.66	91.24	-.0000	.11	160.18	-.0000	.00
24.33	.0008	267.10	93.27	-.0000	.06	162.21	-.0000	.00
26.36	.0004	236.14	95.30	-.0000	.02	164.24	-.0000	-.00
28.39	.0001	200.60	97.33	-.0000	-.00	166.26	-.0000	-.00
30.41	-.0001	163.70	99.35	-.0000	-.01	168.29	-.0000	-.00
32.44	-.0002	127.96	101.38	-.0000	-.02	170.32	-.0000	-.00
34.47	-.0003	95.20	103.41	-.0000	-.02	172.35	-.0000	-.00
36.50	-.0003	66.58	105.44	-.0000	-.02	174.37	-.0000	-.00
38.52	-.0003	42.70	107.46	-.0000	-.02	176.40	-.0000	-.00
40.55	-.0003	23.68	109.49	.0000	-.01	178.43	-.0000	-.00
42.58	-.0002	9.27	111.52	.0000	-.01	180.46	.0000	-.00
44.61	-.0002	-.98	113.55	.0000	-.01	182.49	.0000	-.00
46.64	-.0001	-7.69	115.57	.0000	-.01	184.51	.0000	-.00
48.65	-.0001	-11.53	117.60	.0000	-.00	186.54	.0000	-.00
50.69	-.0001	-13.16	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-13.20	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-12.17	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-10.53	125.71	.0000	-.00	194.65	.0000	-.00
58.80	-.0000	-8.61	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-6.66	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-4.86	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-3.31	133.82	.0000	.00	202.76	.0000	0.00
66.91	.0000	-2.04	135.85	.0000	.00			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 17
PILE JOINT NO. 1010

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0251	-830.36	68.94	.0000	-1.30	137.88	.0000	.00
2.03	.0229	-574.12	70.97	.0000	-.07	139.91	.0000	.00
4.06	.0206	-325.10	72.99	.0000	.69	141.93	.0000	.00
6.08	.0181	-89.07	75.02	.0000	1.09	143.96	-.0000	.00
8.11	.0155	129.78	77.05	.0000	1.23	145.99	-.0000	.00
10.14	.0131	328.94	79.08	.0000	1.19	148.02	-.0000	.00
12.17	.0107	490.83	81.10	.0000	1.04	150.04	-.0000	.00
14.19	.0085	605.24	83.13	.0000	.85	152.07	-.0000	.00
16.22	.0065	668.43	85.16	-.0000	.65	154.10	-.0000	.00
18.25	.0048	685.43	87.19	-.0000	.46	156.13	-.0000	.00
20.28	.0033	667.03	89.22	-.0000	.29	158.15	-.0000	.00
22.30	.0020	619.05	91.24	-.0000	.17	160.18	-.0000	.00
24.33	.0011	551.47	93.27	-.0000	.08	162.21	-.0000	-.00
26.36	.0004	472.58	95.30	-.0000	.01	164.24	-.0000	-.00
28.39	-.0001	389.52	97.33	-.0000	-.02	166.26	-.0000	-.00
30.41	-.0004	308.04	99.35	-.0000	-.04	168.29	-.0000	-.00
32.44	-.0006	232.43	101.38	-.0000	-.05	170.32	-.0000	-.00
34.47	-.0007	165.57	103.41	-.0000	-.04	172.35	-.0000	-.00
36.50	-.0007	109.07	105.44	-.0000	-.04	174.37	-.0000	-.00
38.52	-.0006	63.44	107.46	.0000	-.03	176.40	-.0000	-.00
40.55	-.0006	28.33	109.49	.0000	-.03	178.43	.0000	-.00
42.58	-.0005	2.84	111.52	.0000	-.02	180.46	.0000	-.00
44.61	-.0004	-14.33	113.55	.0000	-.02	182.49	.0000	-.00
46.64	-.0003	-24.62	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0002	-29.55	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0001	-30.51	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0001	-28.76	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-25.34	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-21.08	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-16.62	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-12.39	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-8.65	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-5.54	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-3.10	135.85	.0000	.00			

STRAN-PILE ANALYSIS

LOAD CONDITION NO. 17
PILE JOINT NO. 1011

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0275	-878.66	66.94	.0000	-1.38	137.88	.0000	.00
2.03	.0251	-802.05	70.97	.0000	-.05	139.91	.0000	.00
4.06	.0224	-333.33	72.99	.0000	.78	141.93	.0000	.00
6.08	.0197	-78.79	75.02	.0000	1.20	143.96	-.0000	.00
8.11	.0169	157.06	77.05	.0000	1.35	145.99	-.0000	.00
10.14	.0142	371.45	79.08	.0000	1.30	148.02	-.0000	.00
12.17	.0116	545.31	81.10	.0000	1.14	150.04	-.0000	.00
14.19	.0092	667.60	83.13	.0000	.92	152.07	-.0000	.00
16.22	.0071	734.30	85.16	-.0000	.70	154.10	-.0000	.00
18.25	.0052	752.05	87.19	-.0000	.49	156.13	-.0000	.00
20.28	.0035	729.33	89.22	-.0000	.32	158.15	-.0000	.00
22.30	.0022	675.77	91.24	-.0000	.18	160.18	-.0000	.00
24.33	.0011	601.15	93.27	-.0000	.08	162.21	-.0000	-.00
26.36	.0004	514.47	95.30	-.0000	.01	164.24	-.0000	-.00
28.39	-.0002	423.48	97.33	-.0000	-.03	166.26	-.0000	-.00
30.41	-.0005	334.42	99.35	-.0000	-.05	168.29	-.0000	-.00
32.44	-.0007	251.91	101.38	-.0000	-.05	170.32	-.0000	-.00
34.47	-.0008	179.07	103.41	-.0000	-.05	172.35	-.0000	-.00
36.50	-.0008	117.60	105.44	-.0000	-.04	174.37	-.0000	-.00
38.52	-.0007	68.02	107.46	.0000	-.04	176.40	-.0000	-.00
40.55	-.0006	29.94	109.49	.0000	-.03	178.43	.0000	-.00
42.58	-.0005	2.35	111.52	.0000	-.02	180.46	.0000	-.00
44.61	-.0004	-16.16	113.55	.0000	-.02	182.49	.0000	-.00
46.64	-.0003	-27.24	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0002	-32.47	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0001	-33.41	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0001	-31.42	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-27.63	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-22.95	125.71	.0000	.00	194.65	.0000	-.00
58.80	.0000	-18.07	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-13.44	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-9.36	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-5.98	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-3.33	135.85	.0000	.00			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0141	-859.19	66.94	.0000	-1.34	137.88	.0000	.00
2.03	.0135	-807.33	70.97	.0000	-.46	139.91	.0000	.00
4.06	.0125	-749.84	72.99	.0000	.13	141.93	.0000	.00
6.08	.0111	-679.70	75.02	.0000	.47	143.96	.0000	.00
8.11	.0094	-590.27	77.05	.0000	.64	145.99	-.0000	.00
10.14	.0064	-426.82	79.08	.0000	.67	148.02	-.0000	.00
12.17	.0070	160.00	81.10	.0000	.63	150.04	-.0000	.00
14.19	.0057	201.96	83.13	.0000	.55	152.07	-.0000	.00
16.22	.0043	329.48	85.15	-.0000	.42	154.10	-.0000	.00
18.25	.0034	365.45	87.19	-.0000	.31	156.13	-.0000	.00
20.28	.0025	374.95	89.22	-.0000	.21	158.15	-.0000	.00
22.30	.0017	362.73	91.24	-.0000	.13	160.18	-.0000	.00
24.33	.0010	334.59	93.27	-.0000	.07	162.21	-.0000	.00
26.36	.0005	295.89	95.30	-.0000	.03	164.24	-.0000	-.00
28.39	.0001	251.44	97.33	-.0000	-.00	166.26	-.0000	-.00
30.41	-.0001	205.25	99.35	-.0000	-.02	168.29	-.0000	-.00
32.44	-.0003	160.49	101.38	-.0000	-.02	170.32	-.0000	-.00
34.47	-.0003	119.44	103.41	-.0000	-.02	172.35	-.0000	-.00
36.50	-.0004	83.58	105.44	-.0000	-.02	174.37	-.0000	-.00
38.52	-.0004	53.84	107.46	-.0000	-.02	176.40	-.0000	-.00
40.55	-.0003	29.78	109.49	.0000	-.02	178.43	-.0000	-.00
42.58	-.0003	11.71	111.52	.0000	-.01	180.46	.0000	-.00
44.61	-.0002	-1.16	113.55	.0000	-.01	182.49	.0000	-.00
46.64	-.0002	-9.56	115.57	.0000	-.01	184.51	.0000	-.00
48.66	-.0001	-14.41	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0001	-16.47	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0001	-16.52	121.66	.0000	-.00	190.60	.0000	-.00
54.75	-.0000	-15.25	123.68	.0000	-.00	192.62	.0000	-.00
56.77	-.0000	-13.19	125.71	.0000	-.00	194.65	.0000	-.00
58.80	-.0000	-10.79	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0000	-8.36	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0000	-6.10	131.79	.0000	.00	200.73	.0000	-.00
64.88	.0000	-4.15	133.82	.0000	.00	202.76	.0000	-.00
66.91	.0000	-2.56	135.85	.0000	.00			

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - HLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	3.39026	7.45051	-.12455	.00107	-.00065	.00176	
102	3.39129	6.65206	-.28757	.00091	-.00045	.00486	
103	3.39211	5.85540	-.28643	.00104	-.00033	.00584	
104	2.76156	7.05124	-.07317	.00125	-.00072	.00491	
105	2.76068	6.25295	-.16502	.00115	-.00031	.00415	
106	2.76067	5.44986	.11515	.00110	-.00073	.00559	
201	3.46717	7.65023	-.12311	.00107	-.00050	.00165	
202	3.47461	6.84679	-.30278	.00031	-.00046	.00488	
203	3.47223	6.04917	-.28496	.00103	-.00048	.00589	
204	2.74702	7.24028	-.10679	.00137	-.00109	.00484	
205	2.74706	6.45169	-.31522	.00059	-.00112	.00400	
206	2.13655	6.84566	.11448	.00153	-.00065	.00561	
301	3.50248	7.73930	-.11967	-.00073	-.00057	.00119	
303	3.50005	6.94406	-.28346	-.00153	-.00053	.00612	
306	2.23073	6.92062	.12130	-.00137	-.00047	.00563	
401	3.57431	6.71454	-.10358	-.00258	.00070	.00305	
403	3.57026	4.87954	-.27773	-.00152	.00047	.00518	
406	2.26054	5.73252	.14198	-.00128	.00059	.00511	
501	3.55757	6.61633	-.09740	-.00202	.00044	.00317	
502	3.56497	5.69838	-.19891	-.00068	-.00086	.00538	
503	3.56946	4.76827	-.25403	-.00114	.00052	.00509	
504	2.82073	5.13122	-.07417	.00105	.00099	.00487	
505	2.80942	5.24620	-.10957	.00169	-.00094	.00462	
506	2.13253	5.57103	.11595	-.00108	.00052	.00510	
507	3.60644	6.70897	-.07877	-.00201	.00044	.00315	
508	3.64560	4.64219	-.22376	-.00114	.00052	.00509	
509	1.48216	5.67718	.06384	-.00108	.00052	.00509	
510	3.53520	6.58613	-.09665	-.00309	.00114	.00292	
511	3.57274	4.75730	-.28456	-.00146	.00022	.00516	
512	2.12705	5.66662	.15077	-.00103	.00069	.00511	
513	3.62251	6.72845	-.07594	-.00082	-.00014	.00378	
514	3.65718	4.61721	-.17553	-.00092	.00156	.00479	
601	3.56078	6.54754	-.08785	-.00093	.00006	.00336	
603	3.56626	4.66775	-.21833	-.00035	.00049	.00498	
606	2.03415	5.61148	.07252	-.00076	.00038	.00505	
611	3.40168	6.54879	-.06713	-.00002	-.00029	.00406	
612	3.41255	6.44223	-.33629	.00585	-.00009	.00473	
613	3.42291	4.60900	-.20488	.00005	.00020	.00620	
621	3.56166	6.55914	-.08047	-.00036	-.00006	.00338	
622	3.63100	5.81655	-.22302	-.00125	-.00023	.00423	
623	3.56508	4.66759	-.18596	-.00001	.00048	.00495	
624	3.40220	6.29026	-.01896	.00041	.00037	.00491	
625	2.73000	5.14514	-.10539	.00059	-.00061	.00476	
626	1.45523	5.56813	.05165	-.00062	.00050	.00502	
651	3.60405	6.55678	-.07499	-.00018	.00000	.00333	
653	3.56352	4.55969	-.15456	-.00000	.00049	.00498	
656	1.47305	5.53043	-.00812	-.00000	.00024	.00499	
661	3.65567	6.53841	-.07298	-.00024	.00022	.00307	

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	3.87012	7.65970	-.55829	.00486	.00026	.00460	
603	3.88279	4.56141	-.19735	.00076	.00066	.00697	
701	3.82155	8.56072	-.06944	-.00022	.00011	.00312	
702	3.84335	5.61702	-.15029	.00006	-.00030	.00452	
703	3.86103	4.49104	-.11484	-.00025	.00051	.00507	
704	2.70083	6.03269	-.07757	.00024	-.00000	.00467	
705	2.69827	4.98464	-.11164	.00046	-.00017	.00494	
706	1.70902	5.48520	-.05469	-.00004	.00016	.00494	
707	3.80803	6.86244	-.06943	-.00022	.00011	.00312	
708	3.83804	4.30034	-.04773	-.00026	.00050	.00503	
709	1.84155	5.48747	-.07591	-.00004	.00016	.00494	
710	2.97624	5.45724	-.07429	-.00469	.00272	.00222	
711	3.72509	4.12416	-.34516	-.00152	-.00004	.00519	
712	1.81797	5.43667	.22227	-.00075	.00089	.00506	
801	3.80913	6.80752	-.09194	-.00171	.00049	.00238	
802	3.82012	5.08477	.00803	-.00140	.00025	.00477	
803	3.48830	3.79729	.17709	-.00215	.00095	.00495	
804	2.45113	5.70255	-.25558	-.00065	.00063	.00457	
805	2.41974	4.44736	-.15629	-.00059	.00007	.00481	
806	1.40066	5.05936	-.33799	-.00184	.00071	.00503	
807	3.84959	6.43828	-.09211	-.00171	.00049	.00240	
808	3.80419	5.07834	.23434	-.00215	.00095	.00494	
809	1.25417	5.06752	-.34332	-.00184	.00072	.00498	
810	2.11268	3.77453	-.07065	-.00544	.00324	.00169	
811	3.84464	3.33702	-.35724	-.00190	.00159	.00487	
812	1.05326	4.95803	.25180	-.00204	.00078	.00494	
901	3.00203	5.57404	-.06926	-.00232	.00151	.00203	
902	3.11516	4.19276	.15399	-.00200	.00051	.00500	
903	3.10356	2.56173	.47646	-.00266	.00164	.00472	
904	1.84129	4.92958	-.37818	-.00148	.00134	.00448	
905	1.82903	3.43463	-.12306	-.00091	.00054	.00497	
906	.00108	4.20147	-.00265	-.00270	.00148	.00445	
907	3.09908	5.74126	-.06844	-.00252	.00151	.00204	
908	3.24909	2.45479	.55837	-.00267	.00164	.00467	
909	.55516	4.21744	-.74326	-.00270	.00149	.00443	
910	.57015	1.87173	-.00817	-.00475	.00271	.00157	
911	3.13448	2.36845	-.30551	-.00131	.00127	.00445	
912	.50496	4.06007	.22800	-.00178	.00050	.00425	
1001	2.70672	4.88802	-.05468	-.00245	.00105	.00198	
1002	2.69865	3.17865	.24039	-.00336	.00105	.00505	
1003	2.56929	1.54962	.68368	-.00252	.00195	.00395	
1004	1.22265	4.03097	-.46200	-.00284	.00286	.00497	
1005	1.19922	2.26592	-.01481	-.00168	.00121	.00478	
1006	-.29091	3.01073	-.88204	-.00350	.00205	.00391	
1007	2.74145	4.95046	-.04539	-.00244	.00104	.00191	
1008	2.56517	1.25355	.77457	-.00253	.00194	.00389	
1009	-.39748	3.01416	-.90371	-.00350	.00206	.00387	
1010	-.45085	-.10165	-.02481	.00042	-.00281	.00226	OBLIQUE
1010	.14369	.04346	-.04497	-.00293	.00121	.00176	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 10 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
1011	.12118	-2.72012	.25881	.00680	.00060	.00359	OBLIQUE
1011	2.24926	1.46875	-.19212	-.00340	.00589	.00364	GLOBAL
1012	.13920	2.79692	-.33652	-.00709	.00065	.00342	OBLIQUE
1012	.13920	2.81416	.12844	-.00709	.00007	.00348	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 11

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	.07921	7.86802	-.21720	.00120	-.00015	-.00214	
102	.08052	7.72709	-.29006	.00102	.00007	.00111	
103	.08174	7.56496	-.20028	.00118	.00015	.00289	
104	-.05465	7.80712	-.10280	.00158	-.00022	.00145	
105	-.05991	7.64517	-.10840	.00120	.00021	.00052	
106	-.20010	7.72462	.14050	.00119	-.00032	.00106	
201	.08854	8.11152	-.21576	.00122	-.00004	-.00226	
202	.08130	7.94353	-.30764	.00043	.00006	.00111	
203	.07595	7.78578	-.19879	.00119	.00003	.00297	
204	-.04625	8.01656	-.14145	.00147	-.00060	.00137	
205	-.04740	7.86810	-.25893	.00066	-.00059	.00033	
206	-.15025	7.93919	.14177	.00148	-.00019	.00098	
301	.08604	8.19102	-.21205	-.00118	-.00016	-.00277	
303	.08303	7.86878	-.19720	-.00128	.00009	.00329	
306	-.11647	8.01706	.14944	-.00106	-.00040	.00078	
401	.13905	6.87143	-.20635	-.00205	.00056	-.00065	
403	.03852	6.61247	-.14219	-.00256	-.00038	.00192	
406	.05021	6.91804	.17173	-.00147	.00011	.00043	
501	.11491	6.73700	-.18943	-.00218	.00019	-.00056	
502	.09231	6.59177	-.18293	-.00094	.00006	.00070	
503	.08581	6.48554	-.17464	-.00181	-.00021	.00180	
504	.03412	6.61927	-.10099	.00155	.00135	.00056	
505	.01936	6.53644	-.07542	.00160	-.00109	-.00011	
506	.03407	6.54798	.14174	-.00123	.00018	.00043	
507	.11157	6.73359	-.18232	-.00216	.00019	-.00056	
508	.09083	6.44797	-.15523	-.00181	-.00021	.00180	
509	.06575	6.55510	.10495	-.00123	.00018	.00043	
510	.10526	6.71511	-.20672	-.00289	.00071	-.00072	
511	.07622	6.46251	-.19464	-.00258	-.00075	.00197	
512	.04106	6.54327	.18165	-.00118	.00009	.00041	
513	.11501	6.73159	-.12582	-.00149	-.00088	-.00003	
514	.08900	6.44165	-.13199	-.00091	.00062	.00126	
601	.11019	6.61888	-.18184	-.00118	-.00005	-.00038	
603	.08104	6.38202	-.15591	-.00071	.00004	.00160	
606	.01517	6.48023	.09259	-.00086	.00031	.00041	
611	.12660	6.61855	-.18860	-.00042	-.00020	-.00095	
612	.13779	7.96331	-.33102	.00636	-.00005	.00057	
613	.14926	6.38351	-.14123	.00012	.00017	.00211	
621	.11528	6.55056	-.13668	-.00067	-.00016	-.00034	
622	.10504	6.40038	-.17590	-.00089	.00016	.00004	
623	.08473	6.35819	-.13798	-.00017	.00016	.00154	
624	.10914	6.54700	-.08024	.00059	.00051	.00052	
625	-.12593	6.50359	-.08517	.00017	-.00108	.00068	
626	-.01443	6.43196	.04695	-.00069	.00036	.00039	
651	.12110	6.50798	-.11219	-.00051	-.00018	-.00035	
653	.08363	6.31774	-.12126	-.00006	.00017	.00156	
656	-.04379	6.36941	.00231	-.00067	.00032	.00034	
661	.12107	6.50901	-.10814	-.00017	-.00023	-.00161	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	.15037	8.84767	-.33105	.00520	-.00003	.00044	
603	.15499	6.51980	-.14065	.00021	.00020	.00278	
701	.12976	6.46163	-.08301	-.00052	-.00018	-.00048	
702	.10600	6.38805	-.14851	-.00001	-.00004	.00031	
703	.08372	6.28843	-.10042	-.00023	.00016	.00171	
704	.05077	6.40457	-.10297	.00034	.00019	.00022	
705	.01909	6.31112	-.08906	.00048	-.00008	.00065	
706	-.00863	6.33815	-.05020	-.00074	.00015	.00027	
707	.12202	6.45135	-.07028	-.00052	-.00018	-.00049	
708	.10952	6.24511	-.09269	-.00023	.00016	.00169	
709	-.07844	6.34080	-.07250	-.00074	.00015	.00030	
710	-.30677	5.65277	-.22852	-.00377	.00160	-.00111	
711	.54054	5.04959	-.23016	-.00348	-.00162	.00228	
712	.00556	6.28315	.26460	-.00067	.00003	.00030	
801	.10652	6.01746	.06115	-.00195	-.00009	-.00106	
802	.14041	5.86893	.03122	-.00153	.00007	.00050	
803	.11432	5.74449	.08907	-.00228	.00008	.00197	
804	.05050	5.91339	-.19596	-.00055	.00050	.00027	
805	.03705	5.80110	-.22092	-.00073	-.00048	.00043	
806	-.01096	5.83179	-.39204	-.00221	-.00029	.00040	
807	.15059	5.99961	.09275	-.00196	-.00008	-.00102	
808	.14552	5.70407	.12551	-.00228	.00008	.00196	
809	-.02583	5.84152	-.45842	-.00221	-.00029	.00037	
810	-.01275	4.21812	-.23062	-.00427	.00116	-.00141	
811	1.02570	4.04994	-.23465	-.00413	-.00079	.00229	
812	-.01155	5.71358	.24505	-.00251	-.00004	.00038	
901	.09661	4.99224	.25651	-.00297	-.00009	-.00101	
902	.11122	4.81233	.20953	-.00236	-.00004	.00069	
903	.12540	4.56521	.25995	-.00293	.00028	.00196	
904	.00505	4.86494	-.20903	-.00144	.00052	.00010	
905	-.00827	4.73508	-.26528	-.00137	-.00045	.00042	
906	.03116	4.74543	-.76083	-.00319	.00009	.00016	
907	.07897	4.98197	.30277	-.00297	-.00009	-.00100	
908	.15870	4.52849	.31067	-.00294	.00027	.00193	
909	.02642	4.81602	-.85573	-.00319	.00009	.00018	
910	-1.21709	2.56563	-.20572	-.00383	.00095	-.00117	
911	1.20552	2.40968	-.19262	-.00350	-.00068	.00203	
912	-.01206	4.65373	.25928	-.00211	-.00004	.00018	
1001	.20701	3.70835	.39207	-.00341	-.00042	-.00078	
1002	.12203	3.62756	.34353	-.00410	.00000	.00046	
1003	.03442	3.80128	.38359	-.00279	.00036	.00148	
1004	.00462	3.57985	-.36516	-.00281	.00113	.00053	
1005	-.02234	3.52847	-.22524	-.00253	-.00066	.00026	
1006	-.13726	3.43903	-1.01070	-.00371	.00055	.00026	
1007	.20104	3.70038	.45562	-.00341	-.00043	-.00079	
1008	.03062	3.57197	.45601	-.00279	.00036	.00149	
1009	-.14243	3.44300	-1.12450	-.00371	.00055	.00026	
1010	-.41201	-1.56005	.13716	.00444	-.00265	-.00035	OBLIQUE
1010	-1.15132	1.14124	-.12259	-.00409	-.00275	-.00071	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 11 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.37656	-1.62296	.14457	.00418	.00184	.00110	OBLIQUE
1011	1.21821	1.13495	-.12435	-.00350	.00260	.00139	GLOBAL
1012	-.00464	3.19508	-.38470	-.00802	-.00002	.00016	OBLIQUE
1012	-.00464	3.21483	.14646	-.00802	-.00005	.00016	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 12
DATE 08/27/76
U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	-3.38501	-7.50819	-.05659	-.00117	.00046	-.00112	
102	-3.38288	-6.60722	-.04674	-.00151	.00044	-.00440	
103	-3.39050	-5.90180	.09962	-.00106	.00046	-.00497	
104	-2.77549	-5.95821	-.25772	-.00103	.00035	-.00431	
105	-2.77405	-5.25460	-.16479	-.00093	.00069	-.00360	
106	-2.10455	-5.60850	-.29343	-.00092	.00071	-.00539	
201	-3.47350	-7.50983	-.05492	-.00114	.00035	-.00100	
202	-3.48007	-6.79807	-.08725	-.00108	.00041	-.00444	
203	-3.48237	-6.09123	.10108	-.00116	.00065	-.00501	
204	-2.80592	-7.14809	-.27755	-.00069	-.00014	-.00426	
205	-2.80503	-6.44853	-.31651	-.00153	-.00018	-.00347	
206	-2.82263	-5.79644	-.29177	-.00106	.00053	-.00545	
301	-3.54459	-7.60594	-.05101	.00060	.00053	-.00040	
303	-3.56309	-6.12752	.10853	.00155	.00053	-.00520	
304	-2.36791	-6.87244	-.28924	.00128	.00045	-.00546	
401	-3.56078	-6.61420	-.04982	.00253	-.00071	-.00260	
403	-3.55425	-4.93820	.12361	.00149	-.00036	-.00471	
404	-2.34438	-5.72709	-.26797	.00134	-.00062	-.00479	
501	-3.56084	-6.51320	-.05667	.00197	-.00046	-.00273	
502	-3.56257	-5.86113	-.02847	.00048	.00064	-.00492	
503	-3.56126	-4.83223	.09986	.00111	-.00041	-.00464	
504	-2.34069	-6.07260	-.14961	-.00092	-.00117	-.00438	
505	-2.87495	-5.27061	-.11764	-.00176	.00111	-.00413	
506	-2.87409	-5.65969	-.26162	.00119	-.00054	-.00477	
507	-3.56341	-5.54348	-.07417	.00197	-.00046	-.00271	
508	-3.63308	-4.71748	.07266	.00111	-.00041	-.00464	
509	-2.13371	-5.66675	-.22546	.00119	-.00054	-.00476	
510	-3.54205	-5.46512	-.05364	.00304	-.00113	-.00249	
511	-3.56357	-4.82052	.13567	.00145	-.00013	-.00472	
512	-2.69959	-5.63477	-.24341	.00111	-.00074	-.00479	
513	-3.51702	-5.61163	-.08213	.00068	.00026	-.00334	
514	-3.64068	-4.69571	.01922	.00095	-.00160	-.00432	
601	-3.56135	-6.44100	-.06706	.00094	-.00004	-.00292	
603	-3.56062	-4.73650	.08326	.00038	-.00044	-.00453	
606	-2.10569	-5.59426	-.21864	.00061	-.00040	-.00472	
611	-3.67091	-5.44245	-.12867	.00022	-.00006	-.00368	
612	-3.67966	-6.74673	-.14906	-.00540	.00010	-.00429	
613	-3.69428	-4.73795	.00403	.00019	.00022	-.00574	
621	-3.56151	-5.42750	-.07681	.00037	.00009	-.00295	
622	-3.56746	-5.74700	.01009	.00126	.00024	-.00380	
623	-3.55956	-4.67791	.02980	.00006	-.00046	-.00451	
624	-3.15803	-5.19267	-.19031	-.00036	-.00042	-.00449	
625	-2.73409	-5.20181	-.10564	-.00052	.00065	-.00433	
626	-2.10224	-5.54436	-.17890	.00064	-.00031	-.00468	
631	-3.56542	-5.44008	-.08373	.00019	.00002	-.00290	
633	-3.55674	-4.83037	-.00207	.00006	-.00048	-.00454	
636	-2.62395	-5.50437	-.14015	.00061	-.00026	-.00465	
641	-3.72558	-5.44130	-.12173	.00086	-.00053	-.00266	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 12 DATE 08/27/76
U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-3.84016	-7.54509	-.19903	-.00436	-.00024	-.00420	
603	-3.85295	-4.63191	.00233	-.00012	-.00037	-.00650	
701	-3.81918	-4.48984	-.06992	.00020	-.00010	-.00270	
702	-3.86787	-5.44273	-.07986	-.00015	.00029	-.00412	
703	-3.83316	-4.56101	-.04382	.00031	-.00048	-.00464	
704	-2.77841	-5.40123	-.14453	-.00015	-.00009	-.00423	
705	-2.78805	-5.00848	-.11481	-.00039	.00027	-.00451	
706	-1.94210	-5.40179	-.09455	.00008	-.00019	-.00461	
707	-3.83439	-4.53048	-.09034	.00020	-.00010	-.00270	
708	-3.82406	-4.44238	-.06047	.00031	-.00047	-.00460	
709	-1.80474	-5.40435	-.07406	.00008	-.00019	-.00461	
710	-2.98774	-5.35370	-.05948	.00462	-.00265	-.00181	
711	-3.71476	-4.19179	.21155	.00140	.00005	-.00477	
712	-1.74412	-5.41	-.34800	.00077	-.00103	-.00475	
801	-3.44465	-6.21804	-.07403	.00173	-.00103	-.00199	
802	-3.80103	-5.05073	-.27309	.00166	-.00025	-.00436	
803	-3.46416	-3.87902	-.54265	.00210	-.00094	-.00453	
804	-2.51133	-5.01259	-.00429	.00074	-.00097	-.00414	
805	-2.49803	-4.46957	-.10732	.00049	.00004	-.00438	
806	-1.57255	-5.02591	.18251	.00190	-.00067	-.00471	
807	-3.52421	-4.27955	-.07512	.00174	-.00103	-.00201	
808	-3.53504	-3.77127	-.59845	.00210	-.00094	-.00453	
809	-1.43526	-5.03537	.25952	.00190	-.00068	-.00465	
810	-2.94018	-5.00736	-.05083	.00533	-.00317	-.00153	
811	-3.82781	-3.39940	.24019	.00198	-.00135	-.00448	
812	-1.14083	-4.93579	-.55979	.00209	-.00096	-.00465	
901	-3.83714	-5.50840	-.09924	.00230	-.00133	-.00169	
902	-3.80877	-4.10694	-.58094	.00192	-.00051	-.00455	
903	-3.13101	-2.67503	-.68079	.00203	-.00160	-.00435	
904	-1.93119	-4.82900	.15494	.00154	-.00140	-.00404	
905	-1.91875	-3.97069	-.10202	.00095	-.00050	-.00453	
906	-.55950	-4.10819	.50504	.00274	-.00149	-.00415	
907	-3.80451	-5.50101	-.09914	.00230	-.00133	-.00170	
908	-3.20426	-2.57742	-.72520	.00203	-.00160	-.00431	
909	-.74259	-4.10593	.58457	.00274	-.00149	-.00413	
910	-.91765	-1.80215	-.03310	.00466	-.00262	-.00125	
911	-3.12953	-2.41075	.21004	.00140	-.00119	-.00411	
912	-.54205	-4.03921	-.51480	.00180	-.00066	-.00398	
1001	-2.83552	-4.70162	-.11106	.00246	-.00110	-.00167	
1002	-2.83245	-3.14800	-.41048	.00348	-.00105	-.00459	
1003	-2.82845	-1.47984	-.85307	.00261	-.00200	-.00364	
1004	-1.51414	-3.91908	.31712	.00280	-.00257	-.00452	
1005	-1.29082	-2.33254	-.14207	.00166	-.00130	-.00433	
1006	.00477	-2.97306	.72254	.00363	-.00197	-.00363	
1007	-2.80544	-4.75515	-.12002	.00245	-.00110	-.00161	
1008	-2.57404	-1.54220	-.44642	.00262	-.00200	-.00359	
1009	.10555	-2.97048	.42165	.00523	-.00198	-.00359	
1010	.44414	.02883	-.03804	-.00015	.00276	-.00197	OBLIQUE
1010	-.19302	-.40096	-.03370	.00273	-.00137	-.00149	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 12 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.13758	2.72042	-.33150	-.00665	-.00066	-.00329	OBLIQUE
1011	-2.30204	-1.46933	.12056	.00552	-.00588	-.00335	GLOBAL
1012	-.14536	-2.78621	.26407	.00704	-.00069	-.00317	OBLIQUE
1012	-.14536	-2.79233	-.19420	.00704	-.00016	-.00324	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 13 DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	.00657	-7.57423	.02618	-.00119	-.00006	.00253	
102	.00644	-7.55801	-.05661	-.00132	-.00009	-.00022	
103	.07036	-7.55580	-.00242	-.00111	-.00006	-.00206	
104	.00345	-7.56652	-.22453	-.00105	-.00016	-.00056	
105	.00494	-7.54779	-.22015	-.00086	.00016	.00029	
106	.04902	-7.55942	-.50181	-.00091	.00051	-.00021	
201	.00056	-7.76118	.02706	-.00118	-.00012	.00264	
202	.07407	-7.75423	-.04506	-.00170	-.00013	-.00022	
203	.00125	-7.73976	-.00098	-.00168	.00012	-.00215	
204	.07933	-7.75056	-.23944	-.00068	-.00066	-.00049	
205	.00039	-7.75027	-.37285	-.00130	-.00075	.00047	
206	.05953	-7.74878	-.50004	-.00112	.00005	-.00014	
301	.07616	-7.84022	.03125	.00130	.00010	.00310	
303	.07545	-7.79522	.00654	.00152	-.00009	-.00242	
306	.04157	-7.80769	-.29854	.00176	.00053	.00006	
401	-.01905	-6.49211	.04502	.00202	-.00052	.00115	
403	.10860	-6.45998	.02269	.00243	.00054	-.00121	
406	-.11571	-6.57047	-.29947	.00169	-.00011	.00017	
501	.00295	-6.55510	.02698	.00215	-.00017	.00104	
502	.03560	-6.52540	-.00154	.00082	-.00013	-.00005	
503	.07542	-6.53448	.00746	.00169	.00037	-.00109	
504	-.00300	-6.29560	-.12380	-.00134	-.00152	.00010	
505	.01143	-6.33028	-.15426	-.00134	.00128	.00075	
506	-.10753	-6.28770	-.26484	.00145	-.00018	.00017	
507	.01813	-6.33883	-.00067	.00215	-.00017	.00105	
508	.06011	-6.31557	-.01096	.00169	.00037	-.00110	
509	-.11546	-6.29631	-.22545	.00145	-.00018	.00017	
510	.01213	-6.33435	.04767	.00203	-.00062	.00119	
511	.00451	-6.31139	.02821	.00266	.00088	-.00127	
512	-.10909	-6.28449	-.30469	.00137	-.00012	.00018	
513	.01513	-6.33499	-.04067	.00156	.00102	.00050	
514	.00222	-6.31292	-.03830	.00106	-.00060	-.00055	
601	.01274	-6.22779	-.00284	.00124	.00010	.00088	
603	.05545	-6.23012	-.01551	.00086	.00005	-.00091	
606	-.09184	-6.20620	-.21996	.00101	-.00030	.00018	
611	.04177	-6.22949	-.10076	.00067	-.00018	.00160	
612	.03272	-7.69708	-.26503	-.00005	.00005	.00005	
613	.02307	-6.23182	-.07795	.00019	.00029	-.00160	
621	.00954	-6.15061	-.03012	.00075	.00020	.00064	
622	.06500	-6.51904	-.05180	.00095	-.00016	.00053	
623	.04055	-6.18195	-.03198	.00033	-.00010	-.00087	
626	-.10508	-6.26480	-.15111	-.00048	-.00054	.00004	
625	.11054	-6.31515	-.12733	-.00001	.00110	-.00007	
626	-.00997	-6.14553	-.17527	.00079	-.00035	.00020	
631	.00203	-6.09693	-.05598	.00060	.00020	.00086	
635	.04960	-6.15622	-.04938	.00023	-.00012	-.00040	
636	-.04779	-6.10010	-.13196	.00074	-.00032	.00023	
601	.04195	-6.09960	-.10091	.00086	-.00009	.00229	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 13

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	.02528	-6.53004	-.26582	-.00479	.00006	.00016	
603	.00861	-6.15757	-.07581	.00056	.00019	-.00228	
701	-.00441	-6.03907	-.08653	.00057	.00019	.00099	
702	.02253	-6.07134	-.10767	-.00001	.00002	.00025	
703	.04921	-6.12190	-.07059	.00037	-.00010	-.00106	
704	-.01365	-6.04314	-.12920	-.00015	-.00031	.00038	
705	-.00213	-6.07925	-.14279	-.00025	.00020	-.00008	
706	-.02942	-6.04160	-.08101	.00063	-.00018	.00029	
707	.01065	-6.01592	-.10010	.00057	.00019	.00099	
708	.03346	-6.09599	-.07879	.00037	-.00010	-.00104	
709	-.03971	-6.04477	-.05604	.00063	-.00018	.00027	
710	.30454	-5.24674	.08145	.00354	-.00140	.00155	
711	-.39479	-5.29499	.07686	.00353	.00161	-.00162	
712	-.08252	-5.99217	-.36565	.00093	-.00013	.00025	
801	-.02661	-5.55508	-.23605	.00197	.00006	.00155	
802	.00328	-5.55979	-.30196	.00142	-.00006	.00007	
803	.03334	-5.54191	-.25997	.00223	-.00005	-.00137	
804	-.04021	-5.52726	-.06334	.00068	-.00041	.00032	
805	-.02672	-5.56903	-.03808	.00088	.00059	.00012	
806	-.11052	-5.52329	.24634	.00226	.00033	.00013	
807	-.00394	-5.52489	-.26725	.00198	.00005	.00150	
808	.01333	-5.56665	-.29483	.00223	-.00005	-.00136	
809	-.11555	-5.53556	.31448	.00226	.00032	.00016	
810	.05055	-5.94176	.09871	.00593	-.00094	.00182	
811	-.86479	-3.90953	.09543	.00415	.00064	-.00170	
812	-.05326	-5.41672	-.37320	.00250	-.00010	.00012	
901	.03916	-4.50647	-.43277	.00290	.00010	.00144	
902	.03312	-4.50609	-.43942	.00224	.00004	-.00008	
903	.02748	-4.45522	-.42644	.00288	-.00020	-.00144	
904	-.02544	-4.46558	.04079	.00152	-.00056	.00047	
905	-.00854	-4.52053	.04120	.00147	.00053	.00020	
906	-.20450	-4.48476	.60302	.00320	-.00004	.00031	
907	.00298	-4.48451	-.47867	.00291	.00010	.00143	
908	.00203	-4.43345	-.47034	.00288	-.00020	-.00141	
909	-.21571	-4.50511	.69830	.00320	-.00004	.00029	
910	1.10104	-2.39065	.09248	.00334	-.00071	.00154	
911	-1.12502	-2.29603	.07573	.00333	.00069	-.00152	
912	-.02503	-4.34000	-.51270	.00220	-.00011	.00026	
1001	-.04935	-3.21242	-.56641	.00343	.00038	.00118	
1002	.02932	-3.34163	-.51957	.00421	.00002	.00015	
1003	.10892	-3.33861	-.54468	.00278	-.00030	-.00104	
1004	-.04029	-3.28565	.19966	.00276	-.00099	.00008	
1005	-.01327	-3.35071	.07063	.00251	.00057	.00035	
1006	-.06550	-3.15557	.44644	.00350	-.00049	.00015	
1007	-.05343	-3.19468	-.62901	.00343	.00038	.00119	
1008	.09432	-3.32108	-.59550	.00278	-.00030	-.00105	
1009	-.04242	-3.15890	.95368	.00350	-.00049	.00015	
1010	.50331	1.43040	-.20578	-.00415	.00209	.00072	OBLIQUE
1010	1.05909	-1.05479	.03230	.00376	.00262	.00105	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.57573	1.44494	-.20851	-.00579	-.00182	-.00068	OBLIQUE
1011	-1.07669	-1.05390	.03200	.00335	-.00244	-.00097	GLOBAL
1012	-.00000	-2.94349	.30716	.00750	-.00003	.00023	OBLIQUE
1012	-.00000	-2.95390	-.18153	.00750	-.00007	.00022	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 14
DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	.02427	.07374	-.08217	-.00006	-.00009	-.00005	
102	.02501	.09508	-.15775	-.00021	.00000	-.00014	
103	.02736	.11919	-.08530	-.00005	.00006	-.00016	
104	.04511	.08592	-.15911	.00010	-.00018	-.00013	
105	.04515	.10628	-.15755	.00010	.00019	-.00011	
106	.06302	.09284	-.08538	.00007	.00001	-.00019	
201	.02760	.06960	-.08072	-.00006	-.00007	-.00004	
202	.02649	.09310	-.18810	-.00071	-.00002	-.00014	
203	.02901	.11519	-.08184	-.00012	.00009	-.00016	
204	.04946	.08179	-.18751	.00032	-.00061	-.00013	
205	.04849	.10446	-.30995	-.00059	-.00065	-.00011	
206	.06902	.09429	-.08567	.00013	-.00005	-.00020	
301	.02780	.06715	-.07707	-.00001	.00001	-.00002	
303	.02659	.11137	-.07736	-.00001	-.00001	-.00016	
305	.06901	.09046	-.07925	-.00010	-.00001	-.00020	
401	.01035	.03921	-.06866	-.00025	.00011	.00006	
403	.01567	.07289	-.06758	-.00021	.00006	-.00018	
405	.05540	.04673	-.06912	-.00007	.00015	-.00024	
501	.00516	.02661	-.06879	-.00022	.00010	.00007	
502	.00861	.04420	-.08652	-.00020	-.00003	-.00012	
503	.01217	.06555	-.06634	-.00019	.00007	-.00018	
504	.02615	.03404	-.09835	-.00001	.00007	-.00014	
505	.02669	.05550	-.09237	.00009	.00003	-.00008	
506	.04981	.04302	-.07028	-.00007	.00014	-.00024	
507	.00658	.02977	-.06794	-.00023	.00010	.00007	
508	.00997	.06956	-.06175	-.00019	.00007	-.00019	
509	.05767	.04331	-.07237	-.00007	.00014	-.00025	
510	.00551	.02491	-.06751	-.00030	.00015	.00007	
511	.01550	.06253	-.06531	-.00025	.00003	-.00018	
512	.04032	.04200	-.06845	-.00008	.00019	-.00024	
513	.00639	.02867	-.06969	-.00016	.00013	.00007	
514	.00868	.06920	-.06323	-.00012	.00002	-.00018	
601	-.00078	.01402	-.06917	-.00015	.00008	.00007	
603	.00639	.05456	-.06522	-.00012	.00006	-.00018	
605	.04467	.03770	-.07214	-.00006	.00009	-.00025	
611	-.00200	.01395	-.07767	-.00003	-.00008	-.00009	
612	-.00232	.03175	-.18866	-.00004	.00004	-.00012	
613	-.00199	.05428	-.07531	-.00001	.00018	-.00007	
621	-.00590	.00551	-.06949	-.00011	.00007	.00008	
622	.00525	.01489	-.07599	-.00008	.00002	-.00013	
623	.00104	.04891	-.06424	-.00009	.00006	-.00019	
624	-.00166	.01579	-.08287	-.00010	.00010	-.00012	
625	.01921	.03204	-.08772	.00005	.00006	-.00011	
626	.04210	.03182	-.07402	-.00008	.00006	-.00025	
651	-.00924	-.00110	-.06978	-.00009	.00005	.00008	
653	-.00411	.04565	-.06343	-.00006	.00005	-.00019	
655	.04116	.02593	-.07565	-.00008	.00005	-.00025	
661	-.00933	-.00103	-.07853	.00014	-.00004	-.00006	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 14

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.01005	.02675	-.16865	-.00002	.00004	-.00013	
603	-.01084	.04571	-.07351	.00017	.00013	-.00006	
701	-.01259	-.00718	-.06998	-.00008	.00004	.00009	
702	-.01123	.01651	-.05641	.00000	.00001	-.00012	
703	-.00961	.04346	-.06255	-.00005	.00004	-.00020	
704	.01204	.00486	-.06546	-.00005	.00008	-.00013	
705	.01208	.03286	-.05957	-.00003	-.00002	-.00011	
706	.04075	.01954	-.07768	-.00007	.00005	-.00025	
707	-.01049	-.00451	-.06992	-.00008	.00005	.00010	
708	-.01258	.04887	-.06068	-.00005	.00004	-.00020	
709	.04958	.01962	-.06013	-.00007	.00005	-.00025	
710	-.04946	-.06784	-.06047	-.00020	.00012	.00008	
711	.01641	.00016	-.05484	-.00015	-.00006	-.00018	
712	-.00626	.01673	-.06460	-.00003	.00017	-.00024	
801	-.02305	-.02946	-.07239	-.00008	.00006	.00009	
802	-.02520	.00511	-.05596	-.00004	.00001	-.00014	
803	-.02237	.04420	-.06521	-.00001	.00001	-.00019	
804	.00705	-.01249	-.07032	-.00004	.00004	-.00013	
805	.00782	.02405	-.06173	-.00003	.00002	-.00014	
806	.03773	.00480	-.06306	-.00005	.00003	-.00025	
807	-.02215	-.02679	-.07272	-.00008	.00006	.00009	
808	-.02506	.04916	-.06292	-.00001	.00001	-.00019	
809	.04549	.00499	-.06452	-.00005	.00003	-.00025	
810	-.00575	-.05217	-.05293	.00001	-.00001	.00010	
811	.02031	-.02401	-.04688	-.00006	.00000	-.00018	
812	-.02450	.00055	-.05836	-.00004	.00006	-.00025	
901	-.03946	-.05449	-.07356	-.00006	.00005	.00008	
902	-.03674	-.00988	-.05443	-.00006	.00001	-.00016	
903	-.03447	.04125	-.06384	-.00003	-.00001	-.00018	
904	.02267	-.03287	-.06406	-.00006	.00006	-.00013	
905	.00419	.01550	-.04682	-.00004	.00002	-.00018	
906	.04470	-.01014	-.06667	-.00005	.00003	-.00022	
907	-.03716	-.05212	-.07396	-.00006	.00005	.00008	
908	-.03719	.04619	-.06359	-.00005	-.00001	-.00018	
909	.05135	-.01005	-.06853	-.00005	.00003	-.00022	
910	-.04542	-.05598	-.04544	.00012	-.00006	.00011	
911	.00766	-.02245	-.03653	-.00000	.00003	-.00019	
912	-.02252	-.01671	-.04982	-.00005	-.00001	-.00022	
1001	-.04453	-.07368	-.07544	-.00005	.00001	.00005	
1002	-.04441	-.02162	-.06857	.00016	-.00002	-.00016	
1003	-.04512	.03928	-.06351	-.00005	.00003	-.00015	
1004	-.00127	-.04753	-.06149	.00009	-.00011	-.00013	
1005	.00275	.01041	-.07650	.00002	-.00006	-.00019	
1006	.04496	-.01469	-.06769	.00001	.00000	-.00018	
1007	-.04573	-.07224	-.07260	-.00005	.00001	.00005	
1008	-.04508	.04549	-.06210	-.00005	.00003	-.00015	
1009	.05545	-.01447	-.06723	.00001	.00000	-.00018	
1010	.01456	-.01370	-.03155	.00005	.00011	.00006	OBLIQUE
1010	-.01540	-.01000	-.03357	.00006	-.00009	.00007	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.00569	.00671	-.02837	-.00001	-.00004	-.00015	UNLIQUE
1011	-.00693	-.01057	-.02688	.00001	.00000	-.00015	GLOBAL
1012	-.00557	-.02838	-.03505	.00008	-.00004	-.00018	UNLIQUE
1012	-.00557	-.02213	-.03963	.00008	-.00001	-.00018	GLOBAL

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	-.00152	.11892	-.08050	-.00006	-.00010	.00009	
102	.00004	.11160	-.15726	-.00022	-.00001	.00004	
103	.00159	.10705	-.08415	.00004	.00006	-.00005	
104	-.00547	.11479	-.15843	.00009	-.00019	.00003	
105	-.00543	.10846	-.15825	.00010	.00019	.00006	
106	-.01102	.10940	-.08589	.00006	.00000	.00000	
201	.00330	.11454	-.07904	-.00006	-.00008	.00009	
202	.00255	.10922	-.18567	-.00071	-.00003	.00004	
203	.00175	.10203	-.08269	-.00012	.00008	-.00005	
204	-.00258	.11218	-.18569	.00052	-.00062	.00003	
205	-.00255	.10650	-.31071	-.00059	-.00006	.00006	
206	-.00752	.11038	-.08458	.00015	-.00006	.00000	
301	.00470	.11052	-.07537	-.00003	.00000	.00010	
303	.00270	.09967	-.07821	.00001	-.00001	-.00007	
306	-.00325	.10590	-.07975	-.00011	-.00001	.00000	
401	-.00305	.07060	-.06717	-.00026	.00004	.00015	
403	-.00087	.06528	-.06846	-.00026	-.00003	-.00014	
406	.00020	.05446	-.06959	-.00009	-.00000	-.00002	
501	-.00429	.05810	-.06662	-.00024	.00003	.00015	
502	-.00255	.05172	-.06512	-.00022	-.00001	.00002	
503	-.00046	.05090	-.06775	-.00023	-.00002	-.00014	
504	-.00347	.05203	-.09538	.00003	.00003	-.00003	
505	-.00272	.05178	-.09614	.00004	-.00004	.00003	
506	.00057	.04907	-.07097	-.00009	-.00000	-.00002	
507	-.00202	.06330	-.06385	-.00024	.00003	.00015	
508	-.00249	.05583	-.06469	-.00023	-.00002	-.00014	
509	.00116	.05007	-.07304	-.00009	-.00000	-.00002	
510	-.00595	.05835	-.06541	-.00031	.00008	.00015	
511	.00120	.04919	-.06655	-.00031	-.00007	-.00014	
512	.00054	.04926	-.06904	-.00010	-.00000	-.00002	
513	-.00101	.06270	-.06516	-.00017	.00006	.00015	
514	-.00298	.05523	-.06658	-.00016	-.00006	-.00014	
601	-.00520	.04527	-.06613	-.00016	.00002	.00015	
603	-.00054	.03851	-.06756	-.00015	-.00001	-.00014	
606	.00124	.04303	-.07502	-.00010	-.00001	-.00002	
611	-.00275	.04519	-.07405	-.00004	-.00015	-.00003	
612	-.00255	.04241	-.18727	-.00005	-.00000	.00002	
613	-.00234	.03843	-.07641	-.00002	.00015	.00004	
621	-.00529	.03671	-.06505	-.00012	.00001	.00016	
622	-.00357	.01842	-.07450	-.00015	.00001	-.00002	
623	-.00074	.03076	-.06705	-.00011	-.00000	-.00015	
624	-.01255	.03832	-.07696	-.00009	.00007	-.00001	
625	.00491	.02163	-.06990	.00001	-.00002	.00001	
626	.00210	.03603	-.07505	-.00010	-.00001	-.00002	
651	-.00401	.03002	-.06521	-.00009	-.00000	.00016	
653	-.00170	.02572	-.06904	-.00008	.00000	-.00016	
656	.00287	.02921	-.07701	-.00009	-.00001	-.00002	
661	-.00202	.03068	-.07343	.00014	-.00009	-.00003	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 15

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.00243	.03608	-.18725	-.00003	.00000	.00002	
603	-.00385	.02578	-.07569	.00015	.00009	.00004	
701	-.00341	.02514	-.06465	-.00008	.00000	.00016	
702	-.00321	.02182	-.05570	-.00001	-.00001	.00001	
703	-.00304	.02160	-.06659	-.00007	-.00000	-.00017	
704	-.00284	.02184	-.06291	-.00005	.00006	-.00002	
705	-.00282	.02281	-.06296	-.00004	-.00006	-.00000	
706	.00526	.02197	-.07913	-.00008	.00000	-.00002	
707	-.00083	.02987	-.06342	-.00009	.00000	.00017	
708	-.00383	.02027	-.06558	-.00007	-.00000	-.00017	
709	.00370	.02207	-.06184	-.00008	.00000	-.00002	
710	-.03925	-.03474	-.05570	-.00021	.00010	.00015	
711	.03564	-.03972	-.05756	-.00020	-.00011	-.00015	
712	.00102	.01908	-.06569	-.00003	.00000	-.00002	
801	-.00464	.00606	-.06816	-.00007	.00004	.00016	
802	-.00401	.00566	-.05461	-.00005	-.00001	-.00002	
803	-.00337	.01250	-.06774	-.00004	-.00002	-.00016	
804	-.00215	.00567	-.06677	-.00004	.00002	.00001	
805	-.00113	.00490	-.06632	-.00004	-.00001	-.00002	
806	.00000	.00466	-.06449	-.00005	-.00001	-.00003	
807	-.00215	.01062	-.06599	-.00007	.00004	.00016	
808	-.00577	.01602	-.06781	-.00004	-.00002	-.00016	
809	.00091	.00687	-.06608	-.00005	-.00001	-.00003	
810	-.04906	-.00487	-.04805	-.00003	-.00001	.00017	
811	.04805	-.00699	-.04997	-.00003	.00000	-.00016	
812	.00107	.00231	-.05930	-.00005	.00001	-.00002	
901	-.00560	-.01332	-.06659	-.00005	.00002	.00014	
902	-.00446	-.01131	-.03431	-.00008	-.00000	-.00002	
903	-.00332	-.00954	-.06867	-.00005	-.00003	-.00015	
904	.00077	-.01345	-.06047	-.00005	.00002	.00000	
905	.00251	-.00641	-.06208	-.00005	-.00003	-.00006	
906	.00367	-.01100	-.08845	-.00006	-.00001	-.00001	
907	-.00535	-.00951	-.06639	-.00005	.00002	.00013	
908	-.00560	.00364	-.06861	-.00005	-.00003	-.00015	
909	.00920	-.01148	-.09034	-.00006	-.00001	-.00001	
910	-.02959	-.04525	-.03875	.00006	-.00006	.00016	
911	.02651	-.04573	-.03990	.00007	.00005	-.00017	
912	.00098	-.01826	-.05104	-.00006	.00000	-.00001	
1001	-.00493	-.02769	-.06615	-.00006	-.00000	.00010	
1002	-.00419	-.02479	-.06637	.00017	-.00000	-.00003	
1003	-.00360	-.01154	-.06855	-.00005	-.00000	-.00011	
1004	.00172	-.02538	-.07962	.00008	-.00002	.00001	
1005	.00505	-.01720	-.07973	.00007	.00002	-.00006	
1006	.01002	-.01712	-.08958	.00002	.00000	-.00001	
1007	-.00353	-.02460	-.06519	-.00006	-.00000	.00010	
1008	-.00529	-.00628	-.06775	-.00005	-.00000	-.00011	
1009	.01030	-.01688	-.08902	.00002	.00000	-.00001	
1010	.01205	-.00160	-.02908	.00002	.00008	.00011	OBLIQUE
1010	-.00356	-.01256	-.02845	.00005	-.00005	.00012	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
1011	-.01259	-.00262	-.03009	.00002	-.00008	-.00012	OBLIQUE
1011	.00425	-.01209	-.03011	.00004	.00005	-.00013	GLOBAL
1012	.00022	-.03102	-.03636	.00009	.00000	-.00001	OBLIQUE
1012	.00022	-.02462	-.04097	.00009	.00000	-.00001	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 16 DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	-.02810	-.08246	-.08027	-.00004	-.00011	.00001	
102	-.02547	-.10673	-.15918	-.00020	-.00002	.00015	
103	-.02484	-.12851	-.08865	-.00002	.00004	.00014	
104	-.04672	-.09503	-.15626	.00011	-.00020	.00015	
105	-.04674	-.11848	-.15818	.00012	.00017	.00013	
106	-.06776	-.10599	-.08145	.00009	-.00000	.00016	
201	-.02120	-.08321	-.07881	-.00003	-.00010	.00000	
202	-.02194	-.10591	-.18852	-.00008	-.00004	.00015	
203	-.02269	-.12906	-.08718	-.00010	.00008	.00014	
204	-.04222	-.09419	-.18430	.00035	-.00064	.00015	
205	-.04225	-.11708	-.51058	-.00036	-.00067	.00013	
206	-.06204	-.10494	-.07993	.00014	-.00007	.00016	
301	-.01960	-.06190	-.07511	.00001	.00004	-.00003	
303	-.02036	-.12444	-.08262	.00011	-.00003	.00015	
306	-.05517	-.10107	-.07538	.00002	.00000	.00016	
401	-.02707	-.04979	-.06699	.00025	-.00015	-.00015	
403	-.01630	-.06277	-.07276	.00021	.00002	.00015	
406	-.04774	-.06032	-.06556	.00019	-.00014	.00016	
501	-.02022	-.03641	-.06734	.00022	-.00014	-.00015	
502	-.01858	-.04635	-.09973	.00009	.00000	.00006	
503	-.01504	-.05502	-.07414	.00019	.00001	.00015	
504	-.02677	-.04171	-.06471	.00007	-.00020	.00009	
505	-.02753	-.05243	-.09259	-.00000	.00009	.00002	
506	-.04108	-.05018	-.06399	.00018	-.00013	.00016	
507	-.02335	-.04350	-.06694	.00022	-.00014	-.00016	
508	-.01431	-.05761	-.07676	.00019	.00001	.00015	
509	-.04746	-.05136	-.05849	.00018	-.00013	.00017	
510	-.01940	-.03606	-.06563	.00031	-.00018	-.00015	
511	-.01691	-.05165	-.07216	.00024	.00003	.00015	
512	-.04049	-.05065	-.06314	.00017	-.00018	.00016	
513	-.02296	-.04318	-.06934	.00022	-.00006	-.00016	
514	-.01402	-.05757	-.07943	.00021	-.00005	.00015	
601	-.01239	-.02508	-.06820	.00018	-.00010	-.00016	
603	-.01553	-.04150	-.07610	.00017	-.00002	.00015	
606	-.03590	-.03839	-.06222	.00014	-.00010	.00017	
611	-.01458	-.02597	-.09306	.00016	-.00019	.00002	
612	-.01362	-.03779	-.21043	.00016	-.00004	.00005	
613	-.01209	-.04158	-.10199	.00017	.00010	.00000	
621	-.00726	-.01665	-.06893	.00013	-.00007	-.00017	
622	-.00348	-.00868	-.06838	.00011	.00002	.00005	
623	-.01270	-.03204	-.07792	.00014	-.00004	.00015	
624	-.00857	-.00866	-.07870	.00009	-.00016	.00004	
625	-.02696	-.03645	-.07164	.00003	-.00006	.00004	
626	-.03192	-.02921	-.06067	.00011	-.00007	.00017	
651	-.00584	-.01002	-.06965	.00011	-.00005	-.00017	
653	-.00893	-.02475	-.07963	.00011	-.00004	.00016	
656	-.02931	-.02202	-.05979	.00009	-.00006	.00017	
661	-.00885	-.00995	-.09194	.00038	-.00013	-.00000	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 16 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.00675	-.01328	-.21040	.00019	-.00004	.00005	
603	-.00662	-.02469	-.10227	.00039	.00004	-.00000	
701	-.00165	-.00450	-.07039	.00009	-.00004	-.00018	
702	-.00260	-.01293	-.06672	.00011	-.00002	.00003	
703	-.00421	-.01971	-.06155	.00008	-.00004	.00016	
704	-.01118	-.06603	-.05355	.00002	-.00000	.00007	
705	-.01180	-.01901	-.06016	.00001	-.00006	.00003	
706	-.02709	-.01556	-.05879	.00007	-.00005	.00016	
707	-.00425	-.00945	-.07068	.00009	-.00004	-.00019	
708	-.00173	-.02330	-.06375	.00008	-.00004	.00017	
709	-.03224	-.01572	-.05677	.00007	-.00005	.00017	
710	-.03592	.00004	-.05957	.00005	-.00012	-.00016	
711	-.02254	.01809	-.06655	.00016	.00005	.00015	
712	.01364	-.01652	-.05217	.00003	-.00015	.00015	
801	.00418	.01208	-.07319	.00007	-.00002	-.00018	
802	.00522	.00059	-.07090	.00006	-.00003	.00004	
803	.00591	-.01179	-.06511	.00006	-.00001	.00014	
804	-.00415	.00595	-.05414	.00005	-.00003	.00005	
805	-.00510	-.00649	-.06340	.00005	-.00003	.00004	
806	-.01553	-.00235	-.06032	.00002	-.00006	.00015	
807	.00135	.00714	-.07378	.00007	-.00002	-.00018	
808	.00654	-.01581	-.06643	.00006	-.00001	.00015	
809	-.02039	-.00255	-.05979	.00002	-.00006	.00015	
810	.04501	.04122	-.05262	.00002	-.00000	-.00019	
811	-.02131	.04375	-.06144	.00004	-.00002	.00015	
812	.03497	-.00523	-.04430	.00004	-.00004	.00015	
901	.01176	.02663	-.07465	.00007	-.00003	-.00015	
902	.01315	.01751	-.06609	.00009	-.00002	.00000	
903	.01398	.00759	-.06804	.00007	-.00002	.00015	
904	.00544	.02157	-.05598	.00005	-.00004	.00003	
905	.00369	.01019	-.04558	.00005	-.00002	.00005	
906	-.00730	.01223	-.06116	.00001	-.00003	.00012	
907	.00921	.02235	-.07521	.00007	-.00003	-.00015	
908	.01616	.00358	-.06978	.00007	-.00002	.00014	
909	-.01103	.01212	-.06080	.00001	-.00003	.00012	
910	.02589	.06236	-.04317	-.00009	.00006	-.00018	
911	.00259	.04010	-.05203	-.00001	-.00007	.00015	
912	.02533	.00757	-.03408	.00004	.00003	.00013	
1001	.02045	.03662	-.07505	.00003	-.00003	-.00012	
1002	.01935	.02913	-.06247	-.00014	.00002	.00000	
1003	.01605	.01110	-.06863	-.00001	.00002	.00012	
1004	.01242	.03264	-.06720	-.00009	.00014	.00004	
1005	.00533	.01617	-.07655	-.00006	-.00002	.00006	
1006	-.00256	.02145	-.06078	.00005	-.00004	.00009	
1007	.01861	.03359	-.07405	.00003	-.00003	-.00012	
1008	.01700	.00792	-.06922	-.00001	.00002	.00012	
1009	-.00544	.02100	-.05932	.00005	-.00004	.00009	
1010	-.01501	-.01208	-.03106	.00005	-.00010	-.00012	OBLIQUE
1010	.00132	.01727	-.03334	-.00009	.00000	-.00014	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 16

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.00794	-.03316	-.03705	.00010	.00005	.00011	OBLIQUE
1011	.01907	.02019	-.04200	-.00008	.00007	.00012	GLOBAL
1012	.00615	.01070	-.02690	-.00002	.00004	.00009	OBLIQUE
1012	.00615	.01498	-.02477	-.00002	.00002	.00010	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 17

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	.00843	-.11277	-.08203	-.00004	-.00010	-.00006	
102	.01005	-.12170	-.15979	-.00019	-.00001	.00005	
103	.01168	-.12815	-.08797	-.00001	.00005	.00011	
104	.00307	-.11769	-.15687	.00012	-.00019	.00007	
105	.00503	-.12578	-.15744	.00013	.00018	.00003	
106	-.00466	-.12398	-.08070	.00009	.00001	.00004	
201	.01409	-.11268	-.08057	-.00005	-.00009	-.00006	
202	.01523	-.12027	-.16987	-.00008	-.00004	.00005	
203	.01236	-.12869	-.08650	-.00010	.00009	.00011	
204	.00506	-.11615	-.16464	.00055	-.00063	.00007	
205	.00802	-.12445	-.30979	-.00036	-.00067	.00004	
206	-.00162	-.11927	-.07918	.00014	-.00006	.00004	
301	.01435	-.10994	-.07690	.00004	.00005	-.00008	
303	.01419	-.12412	-.08198	.00010	-.00004	.00012	
306	.00180	-.11453	-.07405	.00003	.00000	.00003	
401	-.00540	-.00625	-.00857	.00026	-.00009	-.00017	
403	.01214	-.06308	-.07205	.00027	.00011	.00017	
406	-.00304	-.00578	-.00486	.00021	.00001	.00002	
501	.00030	-.05443	-.09961	.00023	-.00008	-.00018	
502	.00308	-.05100	-.10126	.00012	-.00002	-.00001	
503	.00711	-.05118	-.07240	.00024	.00010	.00017	
504	.00265	-.05106	-.09753	.00003	-.00016	.00005	
505	.00108	-.05302	-.08982	.00005	.00016	-.00001	
506	-.00428	-.05457	-.06307	.00020	.00000	.00002	
507	-.00282	-.06023	-.07113	.00023	-.00008	-.00018	
508	.01024	-.05078	-.07401	.00024	.00010	.00017	
509	-.00475	-.05586	-.05699	.00020	.00000	.00002	
510	.00102	-.05234	-.06781	.00031	-.00011	-.00018	
511	.00545	-.04903	-.07112	.00032	.00013	.00017	
512	-.00426	-.05526	-.06229	.00019	.00000	.00002	
513	-.00267	-.05994	-.07403	.00024	.00001	-.00018	
514	.01012	-.05640	-.07620	.00024	.00003	.00017	
601	.00340	-.04127	-.07135	.00019	-.00004	-.00018	
603	.00208	-.03696	-.07411	.00020	.00005	.00017	
606	-.00469	-.04145	-.06112	.00016	.00000	.00001	
611	.00149	-.04136	-.09787	.00017	-.00014	.00004	
612	.00255	-.04659	-.21207	.00017	-.00000	-.00001	
613	.00502	-.03704	-.10098	.00017	.00015	-.00005	
621	.00420	-.03159	-.07241	.00014	-.00001	-.00019	
622	.01033	-.00992	-.08812	.00016	.00003	.00001	
623	.00397	-.02585	-.07523	.00016	.00002	.00018	
624	.00343	-.02089	-.08408	.00006	-.00013	.00001	
625	-.01334	-.02997	-.06965	.00006	.00001	-.00001	
626	-.00480	-.03113	-.05962	.00013	-.00000	.00001	
651	.00367	-.02409	-.07441	.00012	-.00000	-.00019	
653	.00094	-.01749	-.07632	.00013	.00001	.00018	
656	-.00465	-.02298	-.05442	.00010	-.00001	.00001	
661	.00177	-.02403	-.09725	.00039	-.00008	.00003	

STRAN - JOINT DEFLECTIONS AND MUTATIONS

LOAD CONDITION NO. 17 DATE 08/27/76

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	MUTATION IN RADIANS X	Y	Z	REMARKS
602	.00207	-.02035	-.21204	.00020	.00000	-.00002	
603	.00236	-.01742	-.10018	.00041	.00008	-.00004	
701	.00239	-.01761	-.07595	.00010	-.00000	-.00020	
702	.00211	-.01577	-.07262	.00011	-.00001	-.00002	
703	.00106	-.01043	-.07735	.00010	.00000	.00019	
704	.00242	-.01442	-.05748	.00003	.00000	.00003	
705	.00104	-.01439	-.05471	.00003	-.00001	-.00001	
706	-.00418	-.01559	-.05732	.00008	-.00001	.00001	
707	-.00077	-.02322	-.07749	.00010	-.00000	-.00020	
708	.00443	-.01542	-.07879	.00010	.00000	.00020	
709	-.00441	-.01577	-.05500	.00008	-.00001	.00001	
710	.05534	.04127	-.06323	.00022	-.00009	-.00018	
711	-.02415	.04702	-.06607	.00022	.00011	.00017	
712	-.00521	-.01626	-.05080	.00003	-.00000	.00001	
801	-.00003	.00144	-.07994	.00007	.00000	-.00021	
802	.00036	.00259	-.07256	.00007	-.00001	.00000	
803	.00077	.00337	-.06025	.00006	.00002	.00017	
804	.00221	.00087	-.05684	.00005	-.00001	.00000	
805	.00109	.00224	-.05695	.00004	-.00000	-.00002	
806	.00367	-.00094	-.05858	.00002	-.00003	.00001	
807	-.00315	-.00418	-.06115	.00007	.00000	-.00020	
808	.00355	-.00157	-.06111	.00006	.00002	.00018	
809	.00317	-.00113	-.05799	.00002	-.00003	.00001	
810	.03706	.07496	-.05693	.00004	.00001	-.00021	
811	-.03068	.07943	-.05458	.00003	-.00001	.00019	
812	-.00436	-.00376	-.04292	.00004	-.00001	.00001	
901	-.00214	.01468	-.06233	.00008	-.00001	-.00018	
902	-.00149	.02103	-.07012	.00010	.00000	-.00002	
903	-.00063	.02051	-.06234	.00008	.00000	.00017	
904	.00453	.01625	-.05401	.00006	-.00001	-.00003	
905	.00240	.02198	-.05938	.00006	.00001	-.00001	
906	.00808	.01403	-.05949	.00001	-.00000	-.00000	
907	-.00498	.00977	-.06333	.00007	-.00001	-.00018	
908	.00102	.02106	-.06347	.00008	.00000	.00016	
909	.00819	.01472	-.05906	.00001	-.00000	-.00000	
910	.01470	.05622	-.04779	-.00006	.00007	-.00020	
911	-.01349	.06020	-.04940	-.00006	-.00008	.00019	
912	-.00251	.01025	-.05274	.00004	-.00001	-.00000	
1001	.00020	.02148	-.06292	.00001	-.00002	-.00014	
1002	-.00234	.03590	-.06299	-.00018	-.00000	-.00002	
1003	-.00501	.03482	-.06276	.00001	.00002	.00013	
1004	.00502	.02622	-.07152	-.00009	.00010	-.00004	
1005	.00101	.03205	-.07161	-.00009	-.00010	-.00001	
1006	.00914	.02476	-.05906	.00006	-.00000	-.00000	
1007	-.00183	.01755	-.06260	.00001	-.00002	-.00014	
1008	-.00517	.03107	-.06228	.00001	.00002	.00013	
1009	.00926	.02422	-.05759	.00006	-.00000	-.00000	
1010	-.01316	-.02581	-.03429	.00007	-.00009	-.00014	OBLIQUE
1010	-.00970	.02023	-.03771	-.00009	-.00003	-.00016	GLOBAL

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.01381	-.02594	-.03511	.00008	.00009	.00013	OBLIQUE
1011	.01024	.02187	-.03890	-.00010	.00004	.00014	GLOBAL
1012	-.00048	.01415	-.02624	-.00003	-.00000	-.00000	OBLIQUE
1012	-.00046	.01827	-.02555	-.00003	-.00000	-.00000	GLOBAL

STRAN - REACTION FORCES AND MOMENTS

DATE 08/27/76

LOAD CONDITION NO. 10

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	10.0198	25.0162	201.2338	1375.4619	13643.7280	-2501.1130	OBLIQUE
1010	-10.3080	-11.3879	202.6081	11319.9404	-8130.6844	-222.9271	GLOBAL
1011	-1.2768	473.9585	-1620.3868	54510.6999	-3161.4653	-3979.0110	OBLIQUE
1011	-663.3595	-384.8505	-1717.6371	-25142.2829	48426.8445	-4444.8166	GLOBAL
1012	-2.4215	-451.0922	2567.0032	-55350.2609	-2850.6550	-3793.5376	OBLIQUE
1012	-2.4215	-834.5457	2260.4694	-55350.2609	-2187.3616	-4211.0107	GLOBAL
TOTAL	-662.0990	-1230.7841	745.4403	-69172.6034	38110.7986	-8878.7544	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 11

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	9.0527	313.1965	-964.7374	53704.7676	8564.3529	382.6109	OBLIQUE
1010	400.0278	-242.5452	-400.0835	-9635.2891	-33429.4066	1786.0655	GLOBAL
1011	-10.0160	316.2178	-1016.6493	35020.5142	-9224.2872	-1220.3597	OBLIQUE
1011	-409.6514	-240.4328	-950.9867	-9819.2328	34773.2346	-2720.9506	GLOBAL
1012	.2937	-497.5421	2705.0510	-62812.1807	34.6395	-179.6911	OBLIQUE
1012	.2937	-436.1300	2587.0499	-62812.1807	63.7440	-171.5366	GLOBAL
TOTAL	-9.5300	-1420.9141	735.9777	-82260.7026	1407.5770	-1106.4236	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 12

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-17.6677	.2701	271.7649	1091.6231	-13446.3623	2184.7942	OBLIQUE
1010	-29.0254	37.5272	268.1090	-12340.7984	5871.2107	-56.6209	GLOBAL
1011	1.3949	-449.5415	2331.6393	-55460.3640	3150.0653	3643.7182	OBLIQUE
1011	715.2646	414.9763	2225.9427	25574.4547	-49273.0425	4112.2153	GLOBAL
1012	3.0740	473.8089	-1685.4875	54029.2577	3294.6278	3511.6107	OBLIQUE
1012	3.0740	777.6956	-1741.7821	54029.2577	2671.6437	4006.0065	GLOBAL
TOTAL	680.7132	1230.2011	712.2696	67267.9139	-40730.1481	8061.6009	

STRAN - REACTION FORCES AND MOMENTS

DATE 08/27/76

LOAD CONDITION NO. 13

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-0.2216	-280.8114	1447.3845	-30721.0857	-7620.8650	-793.5464	OBLIQUE
1010	-441.8252	264.0364	1581.4867	8976.0945	30295.1864	-2036.2192	GLOBAL
1011	9.0825	-278.9311	1466.5791	-30932.3564	8992.7480	750.2131	OBLIQUE
1011	442.2212	266.7525	1400.7263	7904.5220	-31158.2570	2219.1236	GLOBAL
1012	.1527	502.8158	-2160.4461	56155.3068	154.6644	-249.5744	OBLIQUE
1012	.1527	851.3656	-2048.2492	56153.3068	193.6346	-220.7127	GLOBAL
TOTAL	.5267	1382.9545	733.9658	73034.7253	-669.4361	-37.8083	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 14

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-1.0284	5.2650	221.9115	359.5157	-501.3652	-62.4316	OBLIQUE
1010	-20.2406	17.0755	219.7552	-599.1759	-68.9588	-144.0459	GLOBAL
1011	.0412	-4.3751	199.5193	-554.7324	159.3596	165.4333	OBLIQUE
1011	31.0284	14.1352	196.0823	155.0277	-528.0148	189.3916	GLOBAL
1012	.0401	12.8869	250.7217	1137.0734	152.3667	196.0278	OBLIQUE
1012	.0401	-26.5772	249.4199	1157.0734	117.9238	219.0253	GLOBAL
TOTAL	0.1842	7.0533	865.2574	692.9252	-479.0497	264.3710	

STRAN - REACTION FORCES AND MOMENTS

DATE 08/27/76

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	-1.3140	-.5204	204.5567	-180.2808	-376.8952	-117.1021	OBLIQUE
1010	-20.9224	18.2332	201.0841	-211.9857	337.6724	-177.4990	GLOBAL
1011	1.3010	.1619	211.0329	-99.8494	376.3829	132.3259	OBLIQUE
1011	29.3491	18.4542	208.7772	-252.6220	-261.3437	192.4312	GLOBAL
1012	-.0194	14.1074	255.7737	1251.5547	-7.0213	12.0794	OBLIQUE
1012	-.0194	-20.1651	254.8072	1251.5547	-8.9138	10.7590	GLOBAL
TOTAL	.4073	8.5123	865.0865	796.9469	67.4149	25.6912	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 16

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 5 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	1.0037	5.1541	222.6693	379.0490	468.5724	135.4950	OBLIQUE
1010	-20.1108	14.3935	220.4844	191.2067	-548.3003	210.7205	GLOBAL
1011	-.8404	14.6371	260.6040	1289.6709	-233.0358	-127.1863	OBLIQUE
1011	24.0023	13.3978	259.5000	-464.4097	1221.1599	-163.7838	GLOBAL
1012	-.0832	-6.2407	184.2097	-706.1627	-173.6266	-104.9591	OBLIQUE
1012	-.0832	-37.2943	185.6018	-706.1627	-153.9823	-132.1063	GLOBAL
TOTAL	-3.9317	-9.5079	865.5462	-479.3657	518.8772	-85.1696	

STRAN - REACTION FORCES AND MOMENTS

DATE 08/27/76

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN=KIPS M=X	M=Y	M=Z	REMARKS
1010	1.3697	10.4201	241.1995	886.9343	391.2897	158.5028	OBLIQUE
1010	-20.1353	15.5222	239.6283	-135.2006	-949.7276	220.7034	GLOBAL
1011	-1.4523	11.2551	246.9804	938.1101	-411.3931	-144.8444	OBLIQUE
1011	20.2784	15.5327	245.4575	-130.0930	1003.3504	-210.5376	GLOBAL
1012	.0369	-7.9002	184.5529	-865.0984	17.0145	5.9653	OBLIQUE
1012	.0369	-38.1697	180.7353	-865.0984	16.1298	6.7117	GLOBAL
TOTAL	.1900	-11.1148	865.8312	-1134.9920	69.7530	16.8775	

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
101- 102 W10- 1		0.0	-2.72	383.04	71.85	.59	-7.00	.01	-.17	4.30	6.70	.07	1.09	.376
		3.6	-2.72	116.07	46.30	.59	-5.28	.01	-.17	1.30	4.32	.07	.82	.198
		7.3	-2.72	-70.00	20.75	.59	-3.55	.01	-.17	-.85	1.94	.07	.55	.101
		10.9	-2.72	-193.17	-4.80	.59	-1.83	.01	-.17	-2.17	-.45	.07	.26	.091
		14.5	-2.72	-235.45	-30.36	.59	-.11	.01	-.17	-2.64	-2.85	.07	.02	.189
101- 104 W10- 1		0.0	-3.29	381.15	70.90	.57	-6.86	-.01	-.20	4.28	6.61	.07	1.07	.373
		3.6	-3.29	120.22	46.00	.57	-5.14	-.01	-.20	1.35	4.29	.07	.80	.200
		7.2	-3.29	-65.88	21.10	.57	-3.42	-.01	-.20	-.74	1.97	.07	.53	.100
		10.9	-3.29	-177.13	-3.79	.57	-1.70	-.01	-.20	-1.99	-.35	.07	.26	.084
		14.5	-3.29	-213.56	-28.64	.57	.02	-.01	-.20	-2.40	-2.68	.07	.00	.177
101- 201 DRL- 1		0.0	-18.86	-330.04	573.71	3.87	3.72	142.75	-.21	-1.04		.23	.23	.040
		3.8	-20.02	-162.60	399.56	3.87	3.72	142.75	-.22	-.67		.23	.23	.029
		7.5	-21.18	4.85	225.42	3.87	3.72	142.75	-.23	-.35		.23	.23	.020
		11.3	-22.35	172.27	51.27	3.87	3.72	142.75	-.25	-.28		.23	.23	.018
		15.0	-23.51	339.70	-122.88	3.87	3.72	142.75	-.26	-.57		.23	.23	.027
102- 103 W10- 1		0.0	-2.23	-236.29	-24.26	-.35	.23	-.01	-.14	-2.65	-2.26	.04	.04	.168
		3.6	-2.23	-188.65	-8.56	-.35	1.95	-.01	-.14	-2.12	-.83	.04	.30	.101
		7.3	-2.23	-66.46	6.54	-.35	3.67	-.01	-.14	-.75	.61	.04	.57	.051
		10.9	-2.23	130.80	21.94	-.35	5.40	-.01	-.14	1.47	2.05	.04	.84	.125
		14.5	-2.23	402.97	37.34	-.35	7.12	-.01	-.14	4.52	3.48	.04	1.10	.270
102- 104 W08- 1		0.0	-.07	-.84	-5.44	-.06	-.17	-.00	-.01	-.04	-.97	.01	.09	.036
		3.6	-.07	-6.52	-2.64	-.06	-.09	-.00	-.01	-.31	-.47	.01	.05	.027
		7.2	-.07	-6.42	.16	-.06	-.00	-.00	-.01	-.40	.03	.01	.00	.014
		10.9	-.07	-6.54	2.96	-.06	.09	-.00	-.01	-.31	.53	.01	.05	.029
		14.5	-.07	-.88	5.76	-.06	.17	-.00	-.01	-.04	1.03	.01	.09	.038
102- 105 W08- 1		0.0	-.97	.87	-.65	.02	-.17	.00	-.14	.04	-.12	.00	.09	.014
		3.6	-.97	-4.49	-1.41	.02	-.08	.00	-.14	-.22	-.25	.00	.04	.024
		7.2	-.97	-6.07	-2.16	.02	.01	.00	-.14	-.29	-.39	.00	.00	.031
		10.9	-.97	-3.87	-2.91	.02	.09	.00	-.14	-.19	-.52	.00	.05	.033
		14.5	-.97	2.11	-3.66	.02	.18	.00	-.14	.10	-.65	.00	.09	.035
103- 105 W10- 1		0.0	-4.39	415.40	-27.72	-.19	-7.16	.01	-.27	4.66	-2.59	.02	1.11	.248
		3.6	-4.39	141.51	-19.51	-.19	-5.44	.01	-.27	1.59	-1.82	.02	.84	.125
		7.2	-4.39	-57.95	-11.31	-.19	-3.72	.01	-.27	-.65	-1.05	.02	.58	.069
		10.9	-4.39	-182.37	-3.10	-.19	-2.00	.01	-.27	-2.05	-.29	.02	.31	.086
		14.5	-4.39	-231.96	5.11	-.19	-.28	.01	-.27	-2.60	.48	.02	.04	.110
103- 203 DRL- 1		0.0	-19.28	-359.70	-610.77	-4.26	4.25	-65.05	-.21	-1.11		.18	.18	.043
		3.8	-20.44	-166.60	-419.08	-4.26	4.25	-65.05	-.22	-.71		.18	.18	.030
		7.5	-21.61	22.50	-227.40	-4.26	4.25	-65.05	-.24	-.36		.18	.18	.020
		11.3	-22.77	215.60	-35.71	-4.26	4.25	-65.05	-.25	-.34		.18	.18	.020
		15.0	-23.93	404.70	155.97	-4.26	4.25	-65.05	-.26	-.68		.18	.18	.031

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
104- 105 M08- 1		0.0	1.03	.81	-1.30	.01	-.19	.00	.15	.04	-.23	.00	.10	.014
		3.6	1.03	-5.61	-1.81	.01	-.10	.00	.15	-.27	-.32	.00	.05	.025
		7.3	1.03	-8.24	-2.31	.01	-.02	.00	.15	-.40	-.41	.00	.01	.032
		10.9	1.03	-7.09	-2.82	.01	.07	.00	.15	-.34	-.50	.00	.04	.033
		14.5	1.03	-2.15	-3.33	.01	.16	.00	.15	-.10	-.59	.00	.08	.029
104- 106 M18- 1		0.0	-3.88	-214.40	-21.63	-.30	.39	.01	-.24	-2.41	-2.02	.04	.06	.156
		3.6	-3.88	-160.08	-8.56	-.30	2.11	.01	-.24	-1.80	-.80	.04	.33	.095
		7.3	-3.88	-30.84	4.51	-.30	3.83	.01	-.24	-.35	.42	.04	.59	.036
		10.9	-3.88	173.33	17.58	-.30	5.55	.01	-.24	1.95	1.64	.04	.86	.128
		14.5	-3.88	458.56	30.65	-.30	12.28	.01	-.24	5.15	2.86	.04	1.91	.272
105- 106 M18- 1		0.0	-5.41	-229.82	-1.89	-.13	.06	-.03	-.33	-2.56	-.18	.02	.01	.102
		3.6	-5.41	-159.84	3.86	-.13	1.78	-.03	-.33	-2.13	.36	.02	.28	.094
		7.3	-5.41	-74.43	9.62	-.13	3.50	-.03	-.33	-.84	.90	.02	.54	.072
		10.9	-5.41	114.90	15.37	-.13	5.22	-.03	-.33	1.29	1.43	.02	.81	.105
		14.5	-5.41	379.66	21.12	-.13	6.95	-.03	-.33	4.26	1.97	.02	1.08	.217
106- 206 DKL- 1		0.0	-17.45	813.26	-54.02	-1.80	-13.14	-33.83	-.19	-1.27		.32	.32	.047
		3.8	-18.61	222.05	47.17	-1.80	-13.14	-33.83	-.20	-.36		.32	.32	.019
		7.5	-19.78	-369.16	128.36	-1.80	-13.14	-33.83	-.22	-.61		.32	.32	.027
		11.3	-20.94	-960.57	209.55	-1.80	-13.14	-33.83	-.23	-1.54		.32	.32	.057
		15.0	-22.10	-1551.58	290.74	-1.80	-13.14	-33.83	-.24	-2.47		.32	.32	.087
201- 202 M18- 1		0.0	19.88	579.37	76.01	.62	-10.03	.06	1.23	6.50	7.09	.07	1.56	.494
		3.6	19.88	197.04	48.83	.62	-7.55	.06	1.23	2.21	4.56	.07	1.17	.271
		7.3	19.88	-77.27	21.65	.62	-5.06	.06	1.23	-.87	2.02	.07	.79	.140
		10.9	19.88	-245.56	-5.53	.62	-2.58	.06	1.23	-2.75	-.52	.07	.40	.147
		14.5	19.88	-501.84	-32.71	.62	-.10	.06	1.23	-3.39	-3.05	.07	.02	.256
201- 204 M18- 1		0.0	-28.49	609.54	76.18	.63	-10.25	-.05	-1.76	6.84	7.11	.07	1.59	.557
		3.6	-28.49	217.62	48.78	.63	-7.77	-.05	-1.76	2.44	4.55	.07	1.21	.309
		7.2	-28.49	-66.39	21.39	.63	-5.29	-.05	-1.76	-.75	2.00	.07	.82	.167
		10.9	-28.49	-242.47	-6.01	.63	-2.81	-.05	-1.76	-2.72	-.56	.07	.44	.179
		14.5	-28.49	-310.64	-33.40	.63	-.33	-.05	-1.76	-3.49	-3.12	.07	.05	.292
201- 301 DKL- 1		0.0	-48.17	-231.84	984.30	12.04	33.61	568.33	-.53	-1.58		1.23	1.23	.069
		3.8	-49.33	1280.39	442.59	12.04	33.61	568.33	-.54	-2.12		1.23	1.23	.086
		7.5	-50.49	2792.62	-99.12	12.04	33.61	568.33	-.55	-4.37		1.23	1.23	.158
		11.3	-51.65	4301.42	-642.80	12.43	32.92	568.33	-.57	-6.80		1.22	1.22	.235
		15.0	-52.82	5694.10	-1255.49	14.90	28.65	568.33	-.58	-9.12		1.15	1.15	.309
201- 303 120- 1		0.0	-12.86	150.24	62.19	-.90	-1.56	5.47	-.67	-2.54		.24	.24	.111
		8.2	-13.11	.55	150.20	-.90	-1.09	5.47	-.68	-2.65		.19	.19	.115
		16.3	-13.35	-82.49	234.22	-.90	-.62	5.47	-.69	-4.45		.16	.16	.173
		24.5	-13.58	-66.23	232.21	2.51	1.70	5.47	-.71	-4.27		.36	.36	.167
		32.6	-13.80	305.29	-385.76	10.56	6.03	5.47	-.72	-8.65		1.31	1.31	.306

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
202- 203 W16- 1		0.0	20.44	-313.60	-25.46	-.37	.31	-.06	1.26	-5.52	-2.37	.04	.05	.238
		3.6	20.44	-245.69	-9.35	-.37	2.80	-.06	1.26	-2.76	-.87	.04	.44	.161
		7.3	20.44	-70.17	6.76	-.37	5.28	-.06	1.26	-.79	.63	.04	.82	.091
		10.9	20.44	213.57	22.87	-.37	7.76	-.06	1.26	2.40	2.13	.04	1.21	.194
		14.5	20.44	605.33	38.97	-.37	10.25	-.06	1.26	6.79	3.64	.04	1.59	.385
202- 204 W08- 1		0.0	-.02	-11.66	-6.27	-.07	-.18	-.00	-.00	-.56	-1.12	.01	.09	.057
		3.6	-.02	-17.41	-3.20	-.07	-.09	-.00	-.00	-.84	-.57	.01	.05	.046
		7.2	-.02	-19.58	-.12	-.07	-.00	-.00	-.00	-.93	-.02	.01	.00	.030
		10.9	-.02	-17.57	2.95	-.07	.09	-.00	-.00	-.84	.53	.01	.04	.045
		14.5	-.02	-11.97	6.02	-.07	.17	-.00	-.00	-.58	1.08	.01	.09	.056
202- 205 W08- 1		0.0	-1.07	11.81	-.98	.02	-.24	-.02	-.15	.57	-.17	.00	.12	.034
		3.6	-1.07	3.38	-1.83	.02	-.15	-.02	-.15	.16	-.33	.01	.08	.027
		7.2	-1.07	-1.27	-2.69	.02	-.06	-.02	-.15	-.06	-.48	.01	.04	.029
		10.9	-1.07	-2.14	-3.54	.02	.02	-.02	-.15	-.10	-.63	.01	.02	.035
		14.5	-1.07	.77	-4.39	.02	.11	-.02	-.15	.04	-.78	.01	.07	.038
203- 205 W16- 1		0.0	30.02	1556.06	-29.86	-.20	-25.01	-.06	1.85	15.22	-2.79	.02	3.57	.642
		3.6	30.02	477.87	-21.28	-.20	-17.36	-.06	1.85	5.36	-1.98	.02	2.70	.303
		7.2	30.02	-155.33	-12.69	-.20	-11.75	-.06	1.85	-1.74	-1.18	.02	1.82	.161
		10.9	30.02	-543.54	-4.11	-.20	-6.11	-.06	1.85	-6.10	-.38	.02	.95	.270
		14.5	30.02	-866.76	4.46	-.20	-.46	-.06	1.85	-7.71	.42	.02	.08	.322
203- 303 DBL- 1		0.0	-19.66	-785.00	-1016.94	-10.60	55.10	-290.43	-.22	-2.01		1.42	1.42	.071
		5.8	-20.82	1004.67	-539.81	-10.60	55.10	-290.43	-.23	-2.65		1.42	1.42	.092
		7.5	-21.98	3994.35	-62.68	-10.60	55.10	-290.43	-.24	-6.25		1.42	1.42	.206
		11.3	-23.15	6330.90	383.74	-8.90	50.15	-290.43	-.25	-9.92		1.35	1.35	.322
		15.0	-24.31	8486.06	725.53	-8.17	45.41	-290.43	-.27	-13.32		1.23	1.23	.430
203- 306 120- 1		0.0	-96.09	-42.02	-186.62	-.85	-.13	-20.05	-4.99	-3.37		.27	.27	.536
		8.2	-96.33	-31.55	-103.69	-.85	.34	-20.05	-5.01	-1.91		.27	.27	.291
		16.3	-96.57	25.11	-20.76	-.85	.81	-20.05	-5.02	-.57		.30	.30	.250
		24.5	-96.82	127.89	62.16	-.85	1.29	-20.05	-5.03	-2.51		.34	.34	.311
		32.6	-97.05	266.07	145.22	-.86	.91	-20.05	-5.04	-5.34		.31	.31	.399
204- 205 W08- 1		0.0	1.11	11.96	-.48	.02	-.25	.02	.16	.57	-.09	.00	.13	.027
		3.6	1.11	2.99	-1.52	.02	-.16	.02	.16	.14	-.27	.01	.09	.020
		7.3	1.11	-2.19	-2.56	.02	-.08	.02	.16	-.11	-.46	.01	.05	.025
		10.9	1.11	-5.59	-3.60	.02	.01	.02	.16	-.17	-.64	.01	.01	.033
		14.5	1.11	-1.21	-4.64	.02	.10	.02	.16	-.06	-.83	.01	.06	.036
204- 206 W16- 1		0.0	-29.10	-322.62	-26.90	-.37	.09	.03	-1.80	-3.62	-2.51	.04	.02	.277
		3.6	-29.10	-264.46	-19.86	-.37	2.58	.03	-1.80	-2.97	-1.01	.04	.40	.204
		7.3	-29.10	-98.26	5.18	-.37	5.06	.03	-1.80	-1.10	.48	.04	.79	.127
		10.9	-29.10	175.99	21.22	-.37	7.55	.03	-1.80	1.98	1.98	.04	1.17	.207
		14.5	-29.10	566.28	37.26	-.37	10.53	.03	-1.80	6.35	3.48	.04	2.57	.397

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 R18- 1		0.0	28.89	-685.77	-4.55	-.18	-.27	.06	1.78	-7.70	-.42	.02	.04	.320
		3.6	28.89	-574.80	3.14	-.18	5.37	.06	1.78	-6.45	.29	.02	.84	.276
		7.3	28.89	-218.55	10.83	-.18	11.01	.06	1.78	-2.45	1.01	.02	1.71	.175
		10.9	28.89	382.98	18.53	-.18	16.65	.06	1.78	4.30	1.73	.02	2.59	.258
		14.5	28.89	1229.80	26.22	-.18	22.28	.06	1.78	13.80	2.45	.02	3.46	.583
206- 301 120- 1		0.0	76.80	151.14	96.68	1.29	-1.74	22.62	3.99	3.16		.42	.42	.239
		8.2	76.56	5.75	-29.61	1.29	-1.27	22.62	3.98	.53		.39	.39	.155
		16.3	76.32	-97.53	-155.91	1.29	-.80	22.62	3.97	3.24		.36	.36	.240
		24.5	76.07	-152.65	-282.20	1.29	-.33	22.62	3.95	5.66		.34	.54	.316
		32.6	75.82	93.20	74.40	-9.78	5.81	22.62	3.94	2.10		1.38	1.38	.203
206- 306 DRL- 1		0.0	-97.75	167.07	602.82	3.56	44.51	-21.84	-1.07	-.98		1.00	1.00	.070
		3.8	-98.91	2170.02	442.46	3.56	44.51	-21.84	-1.09	-3.46		1.00	1.00	.149
		7.5	-100.07	4172.96	282.10	3.56	44.51	-21.84	-1.10	-6.54		1.00	1.00	.246
		11.3	-101.23	6175.91	121.74	3.56	44.51	-21.84	-1.11	-9.66		1.00	1.00	.345
		15.0	-102.40	8176.88	-39.75	3.90	43.96	-21.84	-1.12	-12.79		.99	.99	.445
301- 303 123- 1		0.0	-29.14	151.42	-435.28	-12.20	-2.71	19.34	-1.51	-8.13		1.47	1.47	.323
		7.3	-29.14	-27.88	340.81	-5.62	-1.39	19.34	-1.51	-6.03		.77	.77	.257
		14.5	-29.14	-87.55	559.76	1.07	.04	19.34	-1.51	-9.64		.28	.28	.371
		21.7	-29.14	-17.50	152.11	7.86	1.58	19.34	-1.51	-2.70		1.00	1.00	.152
		29.0	-29.14	191.10	-831.60	14.77	3.23	19.34	-1.51	-15.05		1.74	1.74	.582
301- 306 123- 1		0.0	-68.98	-203.02	-381.16	-11.41	-.25	9.68	-3.58	-7.61		1.27	1.27	.379
		7.2	-68.97	-171.17	328.25	-4.92	.96	9.68	-3.58	-6.53		.61	.61	.347
		14.5	-68.94	-39.12	474.89	1.37	2.03	9.68	-3.58	-8.47		.34	.34	.404
		21.7	-68.93	174.84	109.83	7.01	2.84	9.68	-3.58	-3.64		.87	.87	.264
		29.0	-68.91	447.07	-721.74	12.01	3.37	9.68	-3.58	-14.97		1.38	1.38	.597
301- 401 DRL- 1		0.0	-119.86	6879.07	-224.23	-16.03	-15.19	-1207.30	-1.32	-10.45		1.43	1.43	.380
		7.1	-122.07	4930.25	867.50	-9.83	-25.96	-1207.30	-1.34	-7.84		1.55	1.55	.298
		14.2	-124.28	2197.60	1432.70	-2.76	-36.20	-1207.30	-1.36	-4.10		1.79	1.79	.182
		21.4	-126.49	-1595.05	1366.67	4.13	-50.19	-1207.30	-1.39	-3.29		2.05	2.05	.157
		28.5	-128.70	-6520.89	758.47	9.90	-60.22	-1207.30	-1.41	-9.97		2.28	2.28	.369
303- 306 123- 1		0.0	64.22	-239.40	-255.59	-1.38	-.62	3.38	3.34	6.17		.19	.19	.311
		7.2	64.22	-222.30	-135.24	-1.38	.98	3.38	3.34	4.59		.21	.21	.261
		14.5	64.22	-75.95	-14.88	-1.38	2.35	3.38	3.34	1.36		.31	.31	.159
		21.7	64.22	180.66	105.48	-1.38	3.50	3.38	3.34	3.69		.42	.42	.232
		29.0	64.22	517.60	225.84	-1.38	4.16	3.38	3.34	9.96		.49	.49	.430
303- 403 DRL- 1		0.0	-39.85	8542.03	347.27	-11.48	-34.84	630.72	-.44	-13.37		1.50	1.50	.439
		7.1	-42.06	5105.59	1065.78	-5.18	-45.76	630.72	-.46	-8.16		1.50	1.50	.275
		14.2	-44.27	879.22	1211.01	1.91	-56.00	630.72	-.49	-2.17		1.77	1.77	.087
		21.4	-46.48	-4001.08	745.01	6.79	-67.84	630.72	-.51	-7.60		2.04	2.04	.259
		28.5	-48.69	-11204.22	-257.07	14.45	-79.59	630.72	-.53	-17.53		2.27	2.27	.574

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
305- 406 DXL- 1		0.0	-155.34	9221.64	182.52	-11.32	-41.55	335.86	-1.71	-14.43		1.21	1.21	.520
		7.1	-157.55	5314.09	946.17	-6.52	-50.24	335.86	-1.73	-8.44		1.37	1.37	.332
		14.2	-159.76	565.85	1225.51	.00	-61.21	335.86	-1.75	-2.11		1.61	1.61	.133
		21.4	-161.97	-5162.67	959.83	6.52	-72.52	335.86	-1.78	-8.21		1.86	1.86	.327
		28.5	-164.17	-11749.75	156.35	12.12	-82.23	335.86	-1.80	-18.44		2.09	2.09	.651
401- 501 JL4- 1		0.0	-15.56	1751.37	21495.26	-44.48	15.54	-536.48	-.06	-7.60		.47	.47	.242
		1.1	-16.53	1966.24	22123.10	-47.24	15.85	-536.48	-.07	-7.83		.49	.49	.249
		2.3	-17.50	2185.29	22788.28	-49.94	16.16	-536.48	-.07	-8.07		.51	.51	.257
		3.4	-18.48	2408.53	23489.36	-52.56	16.46	-536.48	-.07	-8.32		.53	.53	.265
		4.6	-19.45	2635.94	24226.89	-55.11	16.77	-536.48	-.08	-8.59		.55	.55	.274
401- 510 PI- 1		0.0	-107.76	2097.58	-16284.71	-12.50	27.20	190.07	-.49	-7.68		.31	.31	.260
		1.1	-108.63	2471.62	-16113.21	-12.50	27.34	190.07	-.49	-7.62		.32	.32	.258
		2.3	-109.48	2847.60	-15941.72	-12.50	27.48	190.07	-.49	-7.57		.32	.32	.256
		3.4	-110.32	3225.52	-15770.22	-12.50	27.62	190.07	-.50	-7.53		.32	.32	.255
		4.6	-111.17	3605.39	-15598.73	-12.50	27.76	190.07	-.50	-7.49		.32	.32	.254
403- 503 JL4- 1		0.0	-1863.41	2161.62	-12041.87	35.86	114.44	166.19	-7.33	-4.31		.97	.97	.391
		1.1	-1864.36	3745.14	-12541.34	37.12	116.93	166.19	-7.33	-4.61		.99	.99	.400
		2.3	-1865.35	5362.46	-13057.88	38.35	119.37	166.19	-7.34	-4.98		1.02	1.02	.412
		3.4	-1866.32	7012.77	-13591.04	39.55	121.75	166.19	-7.34	-5.39		1.04	1.04	.425
		4.6	-1867.30	8695.29	-14140.38	40.71	124.07	166.19	-7.34	-5.85		1.06	1.06	.440
403- 511 PI- 1		0.0	1913.47	5237.33	1550.01	-2.55	24.47	128.62	8.65	2.55		.25	.25	.381
		1.1	1912.62	5574.00	1584.90	-2.55	24.61	128.62	8.64	2.71		.25	.25	.386
		2.3	1911.78	5912.62	1619.91	-2.55	24.76	128.62	8.64	2.87		.26	.26	.391
		3.4	1910.93	6253.17	1654.85	-2.55	24.90	128.62	8.64	3.03		.26	.26	.395
		4.6	1910.08	6595.67	1689.80	-2.55	25.04	128.62	8.63	3.18		.26	.26	.400
406- 506 JL4- 1		0.0	2097.82	-5723.67	-2271.13	12.42	-59.51	36.52	8.25	2.17		.48	.48	.355
		1.1	2096.85	-6555.01	-2450.74	13.83	-61.67	36.52	8.25	2.47		.50	.50	.364
		2.3	2095.88	-7411.46	-2649.42	15.20	-63.77	36.52	8.24	2.77		.52	.52	.374
		3.4	2094.91	-8298.25	-2866.76	16.55	-65.81	36.52	8.24	3.09		.54	.54	.384
		4.6	2093.95	-9212.58	-3102.33	17.86	-67.79	36.52	8.24	3.43		.56	.56	.394
406- 512 PI- 1		0.0	-2273.28	-6066.08	2350.53	-.30	4.58	316.35	-10.27	-3.04		.12	.12	.453
		1.1	-2274.13	-6002.36	2354.62	-.30	4.72	316.35	-10.28	-3.02		.12	.12	.452
		2.3	-2274.98	-5936.71	2358.71	-.30	4.86	316.35	-10.28	-2.99		.12	.12	.451
		3.4	-2275.83	-5869.12	2362.81	-.30	5.00	316.35	-10.28	-2.96		.12	.12	.451
		4.6	-2276.67	-5799.61	2366.90	-.30	5.14	316.35	-10.29	-2.93		.12	.12	.450
501- 502 165- 1		0.0	-35.65	522.65	843.21	2.83	-4.59	-151.82	-1.18	-6.88		1.04	1.04	.330
		3.8	-35.65	329.28	603.73	5.07	-3.93	-151.82	-1.18	-6.63		1.10	1.10	.259
		7.6	-35.65	165.50	382.49	7.30	-3.26	-151.82	-1.18	-3.73		1.21	1.21	.167
		11.4	-35.65	31.58	.09	9.54	-2.62	-151.82	-1.18	-.28		1.33	1.33	.058
		15.1	-35.65	-72.72	-484.06	11.77	-1.97	-151.82	-1.18	-4.38		1.47	1.47	.188

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
501- 504 105- 1		0.0	-250.17	-541.59	815.71	3.56	.52	-120.01	-8.29	-8.77		.76	.76	.595
		3.8	-250.16	-503.29	612.72	5.56	1.16	-120.01	-8.29	-7.10		.91	.91	.549
		7.6	-250.15	-436.07	309.15	7.78	1.79	-120.01	-8.29	-4.79		1.07	1.07	.486
		11.4	-250.15	-340.80	-94.63	9.99	2.40	-120.01	-8.29	-3.17		1.22	1.22	.440
		15.1	-250.15	-218.35	-598.25	12.18	2.99	-120.01	-8.29	-5.70		1.37	1.37	.504
501- 601 JLS- 1		0.0	-186.80	3095.79	21657.44	136.73	.83	-15.59	-1.31	-13.74		1.92	1.92	.480
		1.5	-187.53	3115.65	19192.85	133.44	1.13	-15.59	-1.31	-12.22		1.87	1.87	.432
		3.0	-188.26	3136.87	16787.44	130.24	1.42	-15.59	-1.32	-10.73		1.83	1.83	.385
		4.6	-188.99	3165.56	14439.63	127.13	1.70	-15.59	-1.32	-9.29		1.78	1.78	.340
		6.1	-189.73	3199.02	12147.89	124.10	1.98	-15.59	-1.33	-7.89		1.74	1.74	.296
501- 622 200- 1		0.0	242.91	1200.26	-1030.43	-13.78	-11.66	-204.30	6.39	6.85		1.52	1.52	.501
		5.1	242.51	556.20	-296.67	-10.22	-9.31	-204.30	6.37	3.54		1.30	1.30	.333
		10.2	242.13	56.70	225.02	-6.66	-7.02	-204.30	6.36	1.30		1.09	1.09	.262
		15.3	241.75	-505.17	546.49	-3.07	-4.81	-204.30	6.35	3.50		.89	.89	.331
		20.4	241.38	-531.59	677.52	-.63	-2.65	-204.30	6.34	4.82		.72	.72	.373
502- 503 105- 1		0.0	-16.79	-43.12	-277.30	-5.58	-2.57	51.87	-.56	-2.51		.64	.64	.102
		3.8	-16.79	-145.06	-74.57	-3.34	-1.91	51.87	-.56	-1.46		.49	.49	.069
		7.6	-16.79	-210.79	26.59	-1.11	-1.24	51.87	-.56	-1.96		.34	.34	.085
		11.4	-16.79	-257.88	26.19	1.15	-.56	51.87	-.56	-2.32		.32	.32	.096
		15.1	-16.79	-257.90	-75.78	3.36	.12	51.87	-.56	-2.49		.46	.46	.102
502- 504 105- 1		0.0	4.71	-85.20	-72.78	-.66	.42	50.64	.40	3.75		.98	.98	.132
		3.8	4.71	-59.90	-42.93	-.66	.69	50.64	.40	2.46		1.01	1.01	.092
		7.6	4.71	-22.55	-13.07	-.66	.95	50.64	.40	.87		1.04	1.04	.041
		11.4	4.71	26.71	16.78	-.66	1.21	50.64	.40	1.05		1.08	1.08	.047
		15.2	4.71	87.17	46.83	-.66	1.45	50.64	.40	3.31		1.11	1.11	.118
502- 505 105- 1		0.0	-26.24	-104.76	-134.00	-3.25	.18	-27.76	-2.20	-5.69		1.01	1.01	.269
		3.8	-26.24	-90.45	-20.38	-1.75	.45	-27.76	-2.20	-3.10		.77	.77	.188
		7.6	-26.24	-64.04	25.53	-.27	.71	-27.76	-2.20	-2.31		.59	.59	.163
		11.4	-26.24	-25.60	3.95	1.22	.98	-27.76	-2.20	-.87		.73	.73	.117
		15.2	-26.22	24.69	-64.90	2.69	1.24	-27.76	-2.20	-2.96		.96	.96	.183
503- 505 105- 1		0.0	167.97	-749.15	-3.52	.70	2.06	28.42	5.56	6.71		.27	.27	.405
		3.8	167.97	-636.89	-35.31	.70	2.77	28.42	5.56	5.73		.32	.32	.374
		7.6	167.97	-497.57	-67.10	.70	3.45	28.42	5.56	4.50		.36	.36	.335
		11.4	167.97	-325.62	-95.49	.70	4.12	28.42	5.56	3.05		.40	.40	.289
		15.1	167.97	-123.47	-130.67	.70	4.78	28.42	5.56	1.61		.45	.45	.244
503- 603 JLS- 1		0.0	-1511.67	8112.50	-13024.54	-87.67	-57.16	21.41	-10.58	-9.64		1.47	1.47	.672
		1.5	-1512.59	7096.08	-11458.77	-86.16	-54.27	21.41	-10.58	-8.46		1.43	1.43	.634
		3.0	-1513.12	6131.60	-9879.94	-84.71	-51.46	21.41	-10.59	-7.31		1.39	1.39	.598
		4.6	-1513.84	5217.60	-8347.42	-83.29	-48.74	21.41	-10.59	-6.18		1.36	1.36	.563
		6.1	-1514.57	4352.66	-6940.26	-81.92	-46.09	21.41	-10.60	-5.09		1.32	1.32	.529

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	-522.72	-1356.56	-251.55	-1.66	9.42	.59	-13.74	-7.72		.50	.50	.733
		5.1	-523.11	-828.35	-157.89	-1.42	7.98	.59	-13.75	-4.72		.43	.43	.649
		10.1	-523.51	-385.11	-78.41	-1.20	6.63	.59	-13.76	-2.20		.36	.36	.577
		15.2	-523.92	-21.31	-12.08	-.99	5.36	.59	-13.77	-.14		.29	.29	.519
		20.3	-524.31	267.68	41.55	-.77	4.16	.59	-13.78	-1.52		.22	.22	.559
504- 505	105- 1	0.0	20.52	96.13	-75.99	-2.70	-.85	-17.19	1.72	4.15		.76	.76	.191
		3.8	20.52	64.68	13.90	-1.65	-.62	-17.19	1.72	2.21		.52	.52	.130
		7.6	20.52	42.02	37.86	.20	-.38	-17.19	1.72	1.89		.36	.36	.120
		11.4	20.52	30.55	-4.55	1.67	-.13	-17.19	1.72	1.03		.57	.57	.092
		15.2	20.52	30.72	-113.75	3.14	.13	-17.19	1.72	3.94		.81	.81	.184
504- 506	105- 1	0.0	-260.96	-252.82	-475.63	-6.50	5.28	74.23	-8.64	-4.82		1.00	1.00	.496
		3.8	-260.97	.44	-138.95	-6.32	5.85	74.23	-8.64	-1.24		.90	.90	.394
		7.6	-260.96	279.18	98.78	-4.15	6.41	74.23	-8.64	-2.65		.84	.84	.440
		11.4	-260.96	582.55	238.17	-1.99	6.94	74.23	-8.64	-5.63		.81	.81	.530
		15.2	-260.95	909.68	279.79	.15	7.45	74.23	-8.64	-8.52		.83	.83	.619
505- 506	105- 1	0.0	139.56	-165.32	-329.32	-4.38	6.16	-24.95	4.62	3.30		.61	.61	.265
		3.8	139.56	129.11	-130.29	-4.38	6.79	-24.95	4.62	1.64		.65	.65	.212
		7.6	139.56	451.61	64.73	-4.38	7.39	-24.95	4.62	4.09		.68	.68	.290
		11.4	139.56	800.45	267.76	-4.38	7.95	-24.95	4.62	7.56		.71	.71	.399
		15.2	139.56	1175.92	466.78	-4.38	8.47	-24.95	4.62	11.31		.74	.74	.518
506- 606	JL5- 1	0.0	1883.02	-5954.18	-2710.02	-18.15	40.63	265.54	13.17	8.11		.71	.71	.587
		1.5	1882.28	-5236.76	-2394.12	-16.47	37.99	265.54	13.17	3.62		.66	.66	.572
		3.0	1881.54	-4566.77	-2108.56	-14.83	35.43	265.54	13.16	3.16		.62	.62	.557
		4.6	1880.81	-3942.95	-1852.56	-13.23	32.93	265.54	13.16	2.74		.58	.58	.543
		6.1	1880.07	-3364.02	-1625.37	-11.68	30.52	265.54	13.15	2.35		.54	.54	.531
506- 624	200- 1	0.0	353.27	1016.75	1517.28	16.57	-8.84	149.72	9.29	10.23		1.41	1.41	.645
		5.1	352.87	559.08	623.41	12.90	-6.96	149.72	9.28	4.61		1.19	1.19	.468
		10.1	352.47	172.73	-52.87	9.40	-5.11	149.72	9.27	1.01		.98	.98	.354
		15.2	352.07	-82.05	-521.00	6.04	-3.29	149.72	9.25	2.95		.78	.78	.415
		20.2	351.69	-226.78	-769.01	2.81	-1.49	149.72	9.24	4.59		.59	.59	.466
510- 710	P1- 1	0.0	-111.15	3702.24	-15575.51	-12.56	-12.06	597.14	-.50	-7.49		.30	.30	.255
		6.3	-115.85	2614.66	-14620.26	-12.56	-11.28	597.14	-.52	-6.96		.29	.29	.239
		12.7	-120.50	1483.37	-9287.47	-18.01	-10.50	1271.31	-.54	-4.44		.49	.49	.160
		19.0	-124.59	1210.56	-7918.01	-18.01	-9.82	1271.31	-.56	-3.75		.48	.48	.139
		25.3	-128.68	489.54	-6548.56	-18.01	-9.14	1271.31	-.58	-3.07		.48	.48	.118
511- 711	P1- 1	0.0	1910.16	6606.19	1648.76	-.40	-54.97	136.97	8.63	3.18		.53	.53	.400
		6.3	1905.46	2456.04	1679.03	-.40	-54.19	136.97	8.61	1.39		.52	.52	.343
		12.7	1901.58	2198.61	-483.03	2.35	-48.77	-200.63	8.59	1.05		.49	.49	.332
		19.0	1897.50	-1483.25	-660.46	2.33	-48.09	-200.63	8.57	.76		.48	.48	.322
		25.3	1893.40	-5113.52	-837.90	2.33	-47.40	-200.63	8.56	2.42		.48	.48	.374

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	M1- 1	0.0	-2276.72	-5799.81	2367.01	-.30	47.86	541.47	-10.29	-2.93		.56	.56	.457
		6.3	-2261.42	-2130.59	2389.71	-.30	48.65	541.47	-10.31	-1.50		.57	.57	.418
		12.7	-2256.85	-2257.80	225.90	2.42	44.77	204.10	-10.33	-1.05		.45	.45	.407
		19.0	-2299.93	1192.12	59.76	2.42	45.45	204.10	-10.35	-.56		.46	.46	.394
		25.3	-2295.02	4073.08	-144.34	2.42	46.13	204.10	-10.37	-2.19		.47	.47	.439
601- 621	JL0- 1	0.0	-201.74	2985.94	11678.76	101.27	-8.85	842.87	-1.41	-7.57		1.69	1.69	.289
		1.5	-202.47	2826.90	9857.72	98.51	-8.56	842.87	-1.42	-6.44		1.65	1.65	.253
		3.0	-203.20	2672.65	8089.97	95.45	-8.32	842.87	-1.42	-5.35		1.61	1.61	.219
		4.6	-203.93	2523.19	6374.23	92.61	-8.06	842.87	-1.43	-4.31		1.57	1.57	.186
		6.1	-204.65	2378.49	4709.22	89.87	-7.80	842.87	-1.43	-3.31		1.53	1.53	.155
603- 623	JL0- 1	0.0	-1520.69	4225.53	-6706.31	-65.42	-47.29	-298.62	-10.64	-4.98		1.22	1.22	.527
		1.5	-1521.42	3385.90	-5524.70	-64.06	-44.71	-298.62	-10.64	-4.07		1.19	1.19	.498
		3.0	-1522.15	2592.91	-4367.31	-62.77	-42.20	-298.62	-10.65	-3.19		1.15	1.15	.471
		4.6	-1522.87	1845.26	-3233.51	-61.49	-39.75	-298.62	-10.65	-2.34		1.12	1.12	.444
		6.1	-1523.60	1141.82	-2122.64	-60.26	-37.36	-298.62	-10.66	-1.51		1.09	1.09	.418
606- 626	JL0- 1	0.0	1879.97	-3584.02	-1624.50	-11.68	36.61	270.81	13.15	2.35		.62	.62	.531
		1.5	1879.24	-2717.84	-1425.41	-10.16	34.24	270.81	13.15	1.93		.58	.58	.517
		3.0	1878.51	-2114.51	-1253.77	-8.87	31.92	270.81	13.14	1.54		.55	.55	.505
		4.6	1877.78	-1552.99	-1109.04	-7.21	29.65	270.81	13.14	1.20		.51	.51	.494
		6.1	1877.06	-1052.22	-990.65	-5.78	27.45	270.81	13.13	.90		.48	.48	.494
621- 651	JL0- 1	0.0	-204.71	2402.42	4698.56	89.06	-8.53	834.30	-1.43	-3.32		1.52	1.52	.155
		1.5	-205.34	2250.54	3099.67	85.02	-8.12	834.30	-1.44	-2.41		1.47	1.47	.126
		3.0	-205.97	2100.15	1575.69	81.07	-7.71	834.30	-1.44	-1.65		1.41	1.41	.103
		4.6	-206.60	1969.10	118.85	77.02	-7.31	834.30	-1.45	-1.24		1.36	1.36	.090
		6.1	-207.23	1859.48	-1206.65	74.07	-6.91	834.30	-1.45	-1.40		1.30	1.30	.095
622- 703	200- 1	0.0	241.39	-531.69	674.75	-.68	.10	-212.57	6.35	4.81		.64	.64	.[illegible]2
		5.4	241.41	-450.81	581.15	3.71	2.36	-212.57	6.35	4.12		.83	.83	.350
		10.9	241.43	-224.97	195.56	8.06	4.54	-212.57	6.35	1.67		1.08	1.08	.273
		16.3	241.47	139.48	-466.14	12.17	6.60	-212.57	6.35	2.72		1.32	1.32	.306
		21.8	241.52	634.54	-1388.25	16.04	8.54	-212.57	6.35	8.54		1.55	1.55	.490
623- 653	JL0- 1	0.0	-1523.59	1152.54	-2117.39	-58.81	-39.79	-294.70	-10.66	-1.51		1.09	1.09	.418
		1.5	-1524.22	457.31	-1059.96	-57.11	-36.43	-294.70	-10.66	-.73		1.04	1.04	.393
		3.0	-1524.86	-177.40	-33.25	-55.44	-33.16	-294.70	-10.67	-.11		1.00	1.00	.377
		4.6	-1525.50	-753.18	963.57	-53.83	-29.97	-294.70	-10.67	-.77		.95	.95	.395
		6.1	-1526.14	-1271.56	1931.40	-52.27	-26.87	-294.70	-10.68	-1.45		.91	.91	.417
624- 701	200- 1	0.0	351.69	-226.70	-789.09	2.74	-1.60	149.43	9.24	4.59		.58	.58	.466
		5.5	351.74	-273.19	-804.93	-2.22	.17	149.43	9.25	4.76		.54	.54	.[illegible]
		11.0	351.78	-205.53	-501.63	-6.96	1.87	149.43	9.25	3.03		.80	.80	.[illegible]
		16.5	351.81	-26.48	105.76	-11.46	3.50	149.43	9.25	.61		1.05	1.05	.341
		21.9	351.85	255.34	1002.33	-15.75	5.05	149.43	9.25	5.74		1.29	1.29	.504

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 700 200- 1		0.0	-524.32	267.66	41.46	-.48	3.97	.72	-13.78	-1.52		.21	.21	.563
		5.5	-524.27	430.71	61.96	-.14	1.01	.72	-13.78	-2.44		.06	.06	.590
		11.0	-524.24	404.31	59.85	.20	-1.79	.72	-13.78	-2.29		.10	.10	.586
		16.4	-524.21	198.15	37.40	.48	-4.45	.72	-13.78	-1.13		.24	.24	.552
		21.9	-524.16	-176.98	-5.15	.75	-6.99	.72	-13.78	-1.00		.37	.37	.549
625- 650 JL6- 1		0.0	1877.10	-1032.22	-991.09	-5.78	24.40	269.20	13.15	.90		.44	.44	.484
		1.5	1876.46	-818.02	-905.75	-3.58	21.00	269.20	13.13	.69		.38	.38	.478
		3.0	1875.83	-265.19	-860.02	-1.44	17.68	269.20	13.12	.57		.33	.33	.474
		4.6	1875.19	27.70	-853.01	.66	14.43	269.20	13.12	.54		.29	.29	.473
		6.1	1874.56	262.03	-863.80	2.70	11.27	269.20	13.11	.56		.25	.25	.474
651- 701 JL6- 1		0.0	-219.47	1814.56	-706.41	25.15	-21.19	1884.52	-1.54	-1.22		1.05	1.05	.093
		1.8	-220.21	1367.76	-1196.40	20.89	-20.77	1884.52	-1.54	-1.14		1.00	1.00	.090
		3.5	-220.96	929.94	-1596.70	16.75	-20.35	1884.52	-1.55	-1.16		.96	.96	.091
		5.3	-221.70	501.03	-1909.66	12.66	-19.94	1884.52	-1.55	-1.24		.92	.92	.094
		7.1	-222.45	80.65	-2137.58	8.74	-19.53	1884.52	-1.56	-1.34		.89	.89	.097
655- 705 JL6- 1		0.0	-1613.69	-1393.98	2022.02	-21.24	-11.31	-599.28	-11.29	-1.54		.52	.52	.441
		1.8	-1614.43	-1597.27	2455.06	-19.44	-7.80	-599.28	-11.29	-1.84		.48	.48	.450
		3.5	-1615.17	-1726.85	2850.59	-17.70	-4.39	-599.28	-11.30	-2.09		.44	.44	.459
		5.3	-1615.91	-1764.71	3209.22	-16.01	-1.07	-599.28	-11.30	-2.31		.41	.41	.465
		7.1	-1616.64	-1773.02	3532.57	-14.37	2.15	-599.28	-11.31	-2.46		.39	.39	.471
655- 706 JL6- 1		0.0	1874.56	262.03	-863.93	2.70	10.40	268.79	13.11	.58		.23	.23	.474
		1.8	1873.82	444.69	-966.41	5.04	6.79	268.79	13.11	.67		.20	.20	.476
		3.5	1873.08	551.86	-1098.01	7.32	3.27	268.79	13.10	.77		.20	.20	.479
		5.3	1872.34	584.86	-1277.59	9.58	-.16	268.79	13.10	.86		.22	.22	.483
		7.1	1871.60	545.79	-1504.01	11.72	-3.50	268.79	13.09	1.01		.26	.26	.486
701- 702 137- 1		0.0	69.35	104.19	146.46	-2.30	-.95	-10.56	3.60	3.17		.35	.35	.225
		4.7	69.35	54.44	212.22	-.04	-.81	-10.56	3.60	3.86		.18	.18	.247
		9.4	69.35	13.00	150.61	2.23	-.66	-10.56	3.60	2.67		.33	.33	.209
		14.1	69.35	-19.46	-39.01	4.51	-.49	-10.56	3.60	.77		.56	.56	.149
		18.8	69.35	-42.29	-357.30	6.80	-.32	-10.56	3.60	6.34		.80	.80	.325
701- 704 137- 1		0.0	-34.47	11.97	145.32	-2.35	-.42	-12.24	-1.79	-2.57		.36	.36	.171
		4.7	-34.46	-7.75	214.13	-.09	-.29	-12.24	-1.79	-3.78		.14	.14	.209
		9.4	-34.45	-20.45	156.24	2.15	-.17	-12.24	-1.79	-2.78		.33	.33	.177
		14.1	-34.42	-26.81	-27.46	4.38	-.06	-12.24	-1.79	-.68		.56	.56	.111
		18.8	-34.40	-27.52	-336.06	6.59	.03	-12.24	-1.79	-5.95		.79	.79	.277
701- 801 JL7- 1		0.0	143.16	79.62	-1909.05	22.91	-1.96	547.41	2.03	2.43		1.00	1.00	.187
		7.1	141.72	-32.79	-3253.74	6.91	-.70	547.41	2.00	4.14		.60	.60	.200
		14.2	140.27	-41.27	-3465.19	-3.74	.49	547.41	1.98	4.41		.45	.45	.208
		21.3	138.81	44.02	-2649.63	-15.23	1.62	547.41	1.96	3.37		.78	.78	.175
		28.4	137.34	231.57	-994.95	-25.72	2.64	547.41	1.94	1.18		1.08	1.08	.105

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 800 200- 1		0.0	-268.79	-355.15	-1009.14	-14.73	4.56	-1.44	-7.07	-5.99		.81	.81	.518
		12.5	-268.66	150.13	558.59	-6.25	2.19	-1.44	-7.06	-3.24		.35	.35	.428
		25.1	-268.55	513.54	916.70	1.34	.01	-1.44	-7.06	-5.42		.07	.07	.499
		37.6	-268.44	158.08	197.85	8.08	-2.05	-1.44	-7.06	-1.42		.44	.44	.369
		50.2	-268.39	-294.54	-1484.07	14.19	-5.94	-1.44	-7.05	-8.47		.76	.76	.598
702- 703 137- 1		0.0	80.13	-38.58	-211.52	-5.16	-.23	11.71	4.16	3.79		.64	.64	.264
		4.7	80.13	-46.57	14.09	-2.66	-.05	11.71	4.16	.86		.40	.40	.172
		9.4	80.13	-44.27	111.05	-.58	.13	11.71	4.16	2.11		.17	.17	.211
		14.1	80.13	-31.67	79.94	1.69	.32	11.71	4.16	1.52		.28	.26	.192
		18.8	80.13	-8.78	-78.50	5.94	.50	11.71	4.16	1.39		.52	.52	.189
702- 704 107- 1		0.0	-.74	-10.80	.86	-.02	.01	5.77	-.06	-.36		.10	.10	.014
		4.7	-.74	-8.10	2.01	-.02	.08	5.77	-.06	-.28		.11	.11	.012
		9.4	-.74	-2.01	3.15	-.02	.13	5.77	-.06	-.12		.12	.12	.007
		14.1	-.74	6.75	4.29	-.02	.18	5.77	-.06	-.27		.13	.13	.011
		18.8	-.74	18.11	5.45	-.02	.23	5.77	-.06	-.63		.13	.13	.023
702- 705 107- 1		0.0	-15.36	-10.74	-146.65	-3.98	-.09	-1.46	-1.29	-4.92		.69	.69	.211
		4.7	-15.37	-13.25	22.59	-2.03	-.00	-1.46	-1.29	-.88		.37	.37	.084
		9.4	-15.38	-11.15	81.88	-.08	.07	-1.46	-1.29	-2.76		.04	.04	.143
		14.1	-15.39	-5.08	51.23	1.88	.14	-1.46	-1.29	-1.06		.34	.34	.089
		18.8	-15.39	4.28	-129.35	3.83	.19	-1.46	-1.29	-4.33		.67	.67	.193
703- 705 137- 1		0.0	-20.05	-33.85	-162.25	-1.39	-.54	-8.44	-1.04	-2.92		.22	.22	.144
		4.7	-20.05	-47.04	-84.32	-1.39	-.15	-8.44	-1.04	-1.71		.22	.22	.106
		9.4	-20.05	-51.13	-6.38	-1.39	.03	-8.44	-1.04	-.91		.22	.22	.081
		14.1	-20.05	-44.57	71.56	-1.39	.20	-8.44	-1.04	-1.49		.22	.22	.099
		18.8	-20.05	-29.03	149.50	-1.39	.35	-8.44	-1.04	-2.69		.22	.22	.137
703- 801 200- 1		0.0	-262.10	-562.25	1651.44	17.71	4.03	19.04	-6.89	-9.76		1.01	1.01	.631
		12.5	-262.04	-75.85	-532.45	8.80	2.46	19.04	-6.89	-1.91		.53	.53	.377
		25.1	-261.99	181.39	-1037.87	.71	.97	19.04	-6.89	-5.90		.12	.12	.506
		37.6	-261.91	216.15	-583.80	-6.63	-.47	19.04	-6.88	-3.49		.40	.40	.428
		50.2	-261.81	45.61	926.49	-15.55	-1.83	19.04	-6.88	-5.19		.76	.76	.483
703- 803 JL7- 1		0.0	-1323.64	-1621.43	3027.85	-1.66	-15.49	436.92	-18.73	-4.49		.72	.72	.611
		7.1	-1325.10	-2651.65	2934.23	5.94	-4.22	436.92	-18.75	-5.03		.44	.44	.827
		14.2	-1326.57	-2576.04	2575.66	9.09	5.82	436.92	-18.77	-4.46		.58	.58	.811
		21.3	-1328.04	-1690.95	1401.23	13.72	14.81	436.92	-18.79	-2.79		.85	.85	.766
		28.4	-1329.50	-74.37	54.04	17.84	22.90	436.92	-18.81	-.12		1.10	1.10	.691
704- 705 107- 1		0.0	15.88	15.36	-156.65	-3.97	-.17	-3.60	1.33	5.26		.73	.73	.213
		4.7	15.88	7.22	13.92	-2.08	-.12	-3.60	1.33	.52		.41	.41	.063
		9.4	15.88	1.72	77.58	-.17	-.07	-3.60	1.33	2.80		.09	.09	.128
		14.1	15.88	-1.15	33.03	1.76	-.03	-3.60	1.33	1.11		.36	.36	.081
		18.8	15.88	-1.37	-121.06	3.72	.02	-3.60	1.33	4.05		.68	.68	.174

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	-46.17	-28.05	-173.97	-4.56	.43	21.44	-2.40	-3.11		.67	.67	.218
		4.7	-46.14	-1.56	21.05	-2.37	.51	21.44	-2.40	-.37		.44	.44	.132
		9.4	-46.12	24.27	93.38	-.20	.58	21.44	-2.40	-1.73		.25	.25	.174
		14.1	-46.09	63.79	44.57	1.93	.64	21.44	-2.40	-1.37		.40	.40	.163
		18.8	-46.07	101.34	-125.94	4.05	.69	21.44	-2.39	-2.82		.62	.62	.209
705- 706	137- 1	0.0	-42.23	-30.58	-100.91	-.90	.56	-9.89	-2.19	-1.86		.20	.20	.168
		4.7	-42.23	4.73	-50.27	-.90	.70	-9.89	-2.19	-.89		.21	.21	.138
		9.4	-42.23	47.60	.37	-.90	.82	-9.89	-2.19	-.84		.21	.21	.136
		14.1	-42.23	90.78	51.01	-.90	.92	-9.89	-2.19	-1.93		.22	.22	.171
		18.8	-42.23	150.32	101.66	-.90	.98	-9.89	-2.19	-3.20		.23	.23	.211
705- 803	200- 1	0.0	496.93	1336.75	-284.09	-1.66	-12.61	9.32	13.06	7.66		.69	.69	.695
		12.5	496.99	-115.13	-75.54	-1.12	-6.73	9.32	13.06	.77		.36	.36	.478
		25.1	497.06	-695.33	55.89	-.63	-1.04	9.32	13.07	3.90		.09	.09	.577
		37.6	497.15	-449.13	115.43	-.17	4.23	9.32	13.07	2.60		.25	.25	.536
		50.2	497.19	548.21	108.13	.26	8.92	9.32	13.07	3.13		.50	.50	.553
706- 806	JL7- 1	0.0	1264.20	1806.53	-915.73	-20.17	15.46	3.47	17.88	2.57		.72	.72	.702
		7.1	1262.74	2603.90	469.91	-12.49	3.44	3.47	17.86	3.36		.37	.37	.727
		14.2	1261.27	2425.44	1231.19	-5.49	-7.47	3.47	17.84	3.46		.26	.26	.729
		21.3	1259.79	1356.03	1421.33	.93	-17.46	3.47	17.82	2.50		.50	.50	.698
		28.4	1258.32	-525.30	1086.82	6.64	-26.65	3.47	17.80	1.53		.78	.78	.667
710- 810	P2- 1	0.0	-128.68	480.25	-6548.63	-18.04	.30	1370.46	-.51	-2.74		.43	.43	.105
		7.1	-133.88	542.90	-5012.38	-18.04	1.17	1370.46	-.53	-2.10		.43	.43	.086
		14.2	-139.08	679.17	-3476.14	-18.04	2.03	1370.46	-.55	-1.48		.43	.43	.067
		21.3	-144.28	889.07	-1939.89	-18.04	2.90	1370.46	-.57	-.89		.43	.43	.049
		28.4	-149.48	1172.60	-403.64	-18.04	3.76	1370.46	-.59	-.52		.43	.43	.038
711- 811	P2- 1	0.0	1895.37	-5112.54	-843.83	1.88	-9.54	967.51	7.53	2.16		.28	.28	.330
		7.1	1888.17	-5888.15	-1004.01	1.88	-8.68	967.51	7.51	2.49		.27	.27	.340
		14.2	1882.97	-6590.13	-1164.19	1.88	-7.81	967.51	7.49	2.79		.27	.27	.348
		21.3	1877.77	-7218.47	-1324.37	1.88	-6.95	967.51	7.47	3.06		.26	.26	.356
		28.4	1872.57	-7773.19	-1484.54	1.88	-6.08	967.51	7.45	3.30		.25	.25	.363
712- 812	P2- 1	0.0	-2294.98	4673.68	-144.05	2.42	4.97	349.81	-9.13	-1.95		.12	.12	.391
		7.1	-2300.18	5133.97	-350.25	2.42	5.84	349.81	-9.15	-2.14		.12	.12	.397
		14.2	-2305.38	5667.97	-556.45	2.42	6.70	349.81	-9.17	-2.37		.13	.13	.404
		21.3	-2310.58	6275.67	-762.65	2.42	7.57	349.81	-9.19	-2.63		.14	.14	.412
		28.4	-2315.78	6957.09	-968.86	2.42	8.44	349.81	-9.21	-2.93		.14	.14	.421
801- 802	148- 1	0.0	20.26	127.66	279.40	-1.59	-.84	-12.71	.96	4.44		.26	.26	.174
		5.7	20.26	74.96	317.87	.46	-.70	-12.71	.96	4.73		.17	.17	.182
		11.4	20.26	31.60	215.11	2.51	-.57	-12.71	.96	3.16		.33	.33	.133
		17.1	20.26	-2.40	-25.89	4.57	-.43	-12.71	.96	.38		.52	.52	.645
		22.8	20.26	-27.05	-408.11	6.62	-.29	-12.71	.96	5.92		.72	.72	.220

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
801- 804 140- 1		0.0	-63.68	-20.56	264.95	-1.43	-.35	-27.33	-3.95	-4.13		.34	.34	.327
		5.7	-63.68	-39.74	313.41	.60	-.21	-27.33	-3.95	-4.57		.26	.26	.340
		11.4	-63.68	-49.57	203.56	2.61	-.08	-27.33	-3.95	-3.03		.44	.44	.297
		17.1	-63.67	-50.05	-43.27	4.61	.06	-27.33	-3.95	-.96		.63	.63	.240
		22.8	-63.66	-41.19	-425.75	6.58	.20	-27.33	-3.95	-6.19		.82	.82	.395
801- 901 JL8- 1		0.0	-151.50	956.85	-1178.07	12.97	-6.49	240.18	-2.14	-1.94		.56	.56	.140
		8.1	-152.98	386.29	-1900.42	2.04	-5.45	240.18	-2.16	-2.47		.32	.32	.158
		16.2	-154.63	-95.05	-1606.59	-7.94	-4.51	240.18	-2.19	-2.05		.41	.41	.145
		24.3	-156.29	-495.71	-580.63	-17.12	-3.67	240.18	-2.21	-.79		.65	.65	.197
		32.4	-157.96	-816.17	1705.04	-25.63	-2.93	240.18	-2.23	-2.40		.88	.88	.158
801- 903 200- 1		0.0	241.10	729.02	-786.62	-11.44	-5.91	-28.38	6.34	6.00		.76	.76	.410
		14.9	241.20	-61.61	655.82	-4.56	-2.98	-28.38	6.34	3.56		.37	.37	.333
		29.8	241.29	-352.63	882.04	1.87	-.32	-28.38	6.34	5.32		.17	.17	.388
		44.7	241.37	-191.15	76.34	7.24	2.08	-28.38	6.34	1.15		.48	.48	.257
		59.6	241.46	375.06	-1672.31	12.23	4.21	-28.38	6.35	9.59		.76	.76	.523
802- 803 140- 1		0.0	31.08	-25.91	-221.83	-4.40	-.28	30.77	1.47	3.23		.64	.64	.153
		5.7	31.08	-39.90	9.35	-2.36	-.13	30.77	1.47	.59		.45	.45	.070
		11.4	31.08	-43.57	101.27	-.33	.03	30.77	1.47	1.60		.25	.25	.101
		17.1	31.08	-33.94	54.90	1.68	.20	30.77	1.47	.95		.38	.38	.081
		22.8	31.08	-16.05	-128.78	3.69	.39	30.77	1.47	1.88		.57	.57	.110
802- 804 100- 1		0.0	.48	-20.47	-19.20	-.12	.03	12.03	.04	.94		.22	.22	.031
		5.7	.48	-16.57	-11.32	-.12	.09	12.03	.04	.67		.23	.23	.023
		11.4	.48	-8.77	-3.45	-.12	.14	12.03	.04	.32		.23	.23	.011
		17.1	.48	2.92	4.43	-.12	.20	12.03	.04	.18		.24	.24	.007
		22.8	.48	18.52	12.30	-.12	.26	12.03	.04	.74		.25	.25	.025
802- 805 108- 1		0.0	-15.09	-17.57	-167.08	-5.39	-.05	-9.03	-1.27	-5.62		.72	.72	.237
		5.7	-15.08	-16.72	8.85	-1.76	.01	-9.03	-1.27	-.69		.45	.45	.081
		11.4	-15.06	-15.98	73.97	-.15	.07	-9.03	-1.27	-2.53		.18	.18	.139
		17.1	-15.06	-9.34	29.13	1.46	.13	-9.03	-1.26	-1.02		.40	.40	.092
		22.8	-15.06	1.20	-124.65	3.05	.18	-9.03	-1.27	-4.18		.66	.66	.191
803- 805 140- 1		0.0	66.93	-127.17	-102.91	-.70	-.05	4.71	3.16	2.37		.10	.10	.184
		5.7	66.93	-123.94	-55.00	-.70	.14	4.71	3.16	1.96		.10	.10	.172
		11.4	66.93	-108.43	-7.08	-.70	.31	4.71	3.16	1.57		.11	.11	.159
		17.1	66.93	-81.63	40.83	-.70	.47	4.71	3.16	1.32		.11	.11	.151
		22.8	66.93	-44.50	84.75	-.70	.61	4.71	3.16	1.44		.12	.12	.155
803- 903 JL8- 1		0.0	-773.47	-764.82	564.75	-2.72	-12.41	250.21	-10.94	-1.22		.52	.52	.438
		8.1	-775.14	-1560.94	640.58	1.50	-4.10	250.21	-10.97	-2.14		.28	.28	.465
		16.2	-776.83	-1592.50	508.55	5.26	3.32	250.21	-10.99	-2.06		.34	.34	.463
		24.3	-778.53	-940.58	-370.57	8.63	9.94	250.21	-11.01	-1.29		.53	.53	.442
		32.4	-780.22	525.60	-1362.15	11.69	15.93	250.21	-11.04	-1.78		.72	.72	.457

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 908	200- 1	0.0	-502.07	-1218.83	-185.82	-.96	8.27	20.35	-13.20	-6.90		.51	.51	1.007
		14.9	-502.00	-63.72	-48.40	-.57	4.67	20.35	-13.20	-.45		.32	.32	.684
		29.8	-501.96	457.59	20.21	-.20	1.19	20.35	-13.19	-2.56		.18	.18	.790
		44.7	-501.86	370.93	25.47	.15	-2.12	20.35	-13.19	-2.08		.19	.19	.765
		59.6	-501.74	-280.29	-23.93	.41	-5.18	20.35	-13.19	-1.61		.35	.35	.742
804- 805	100- 1	0.0	14.38	27.24	-148.37	-3.19	-.18	-3.49	1.21	5.04		.59	.59	.201
		5.7	14.38	10.80	16.73	-1.64	-.12	-3.49	1.21	.79		.33	.33	.067
		11.4	14.38	10.42	75.59	-.08	-.07	-3.49	1.21	2.55		.08	.08	.122
		17.1	14.38	7.85	27.23	1.50	-.01	-3.49	1.21	.95		.31	.31	.072
		22.8	14.38	9.18	-129.52	3.08	.05	-3.49	1.21	4.34		.58	.58	.179
804- 806	100- 1	0.0	-93.46	-52.94	-265.08	-4.72	.63	20.04	-4.41	-3.91		.59	.59	.347
		5.7	-93.45	-5.03	-9.57	-2.76	.76	20.04	-4.41	-.16		.41	.41	.241
		11.4	-93.45	51.25	112.41	-.81	.88	20.04	-4.41	-1.79		.26	.26	.288
		17.1	-93.45	114.94	101.59	1.12	.98	20.04	-4.41	-2.22		.29	.29	.305
		22.8	-93.46	185.07	-40.87	3.05	1.07	20.04	-4.41	-2.74		.45	.45	.326
805- 806	100- 1	0.0	46.91	-59.54	-165.42	-1.29	.84	-7.03	2.21	2.54		.20	.20	.157
		5.7	46.91	3.07	-76.92	-1.29	.98	-7.03	2.21	1.11		.20	.20	.112
		11.4	46.91	74.65	11.58	-1.29	1.12	-7.03	2.21	1.10		.21	.21	.111
		17.1	46.91	155.64	100.08	-1.29	1.24	-7.03	2.21	2.68		.22	.22	.161
		22.8	46.91	243.65	188.58	-1.29	1.33	-7.03	2.21	4.46		.23	.23	.218
806- 901	200- 1	0.0	282.81	750.82	1557.42	14.01	-5.04	55.83	7.43	9.66		.94	.94	.564
		14.9	282.87	54.20	-312.76	6.98	-2.77	55.83	7.44	1.78		.55	.55	.314
		29.8	282.91	-249.62	-967.58	.42	-.65	55.83	7.44	5.59		.20	.20	.435
		44.7	282.93	-187.02	-490.87	-5.85	1.52	55.83	7.44	2.94		.46	.46	.351
		59.6	282.98	209.56	1035.55	-11.52	5.07	55.83	7.44	5.91		.77	.77	.445
806- 908	JL8- 1	0.0	946.83	316.37	462.62	-10.17	16.79	751.74	13.39	.71		1.03	1.03	.488
		8.1	945.16	1471.65	1145.45	-3.95	7.08	751.74	13.37	2.37		.71	.71	.539
		16.2	943.48	1717.21	1249.19	1.75	-1.92	751.74	13.35	2.70		.55	.55	.549
		24.3	941.78	1116.08	816.26	7.08	-10.24	751.74	13.32	1.76		.83	.83	.518
		32.4	940.10	-269.78	-117.47	12.95	-18.15	751.74	13.30	.37		1.09	1.09	.474
810- 910	P2- 1	0.0	-149.47	1172.75	-403.77	-18.02	-9.42	776.56	-.59	-.52		.32	.32	.039
		8.1	-155.42	304.18	1350.51	-18.02	-8.43	776.56	-.62	-.58		.32	.32	.041
		16.2	-161.36	-467.77	3104.79	-18.02	-7.43	776.56	-.64	-1.31		.32	.32	.065
		24.3	-167.31	-1143.09	4859.07	-18.02	-6.44	776.56	-.67	-2.08		.31	.31	.091
		32.4	-173.25	-1721.78	6613.34	-18.02	-5.45	776.56	-.69	-2.85		.31	.31	.116
811- 911	P2- 1	0.0	1872.53	-7774.64	-1476.67	2.19	46.27	1010.53	7.45	3.30		.58	.58	.363
		8.1	1866.59	-3223.17	-1690.03	2.19	47.26	1010.53	7.43	1.52		.59	.59	.306
		16.2	1860.64	1424.94	-1903.40	2.19	48.25	1010.53	7.40	.99		.59	.59	.288
		24.3	1854.70	6169.07	-2116.76	2.19	49.25	1010.53	7.38	2.72		.60	.60	.342
		32.4	1848.76	11011.05	-2330.12	2.19	50.24	1010.53	7.36	4.69		.61	.61	.404

S I H A N M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
812- 912	M2- 1	0.0	-2315.72	6957.09	-967.31	2.42	-42.92	1897.19	-9.21	-2.93		.74	.74	.425
		8.1	-2321.66	2628.31	-1202.99	2.42	-41.93	1897.19	-9.24	-1.28		.73	.73	.380
		16.2	-2327.61	-1203.92	-1438.67	2.42	-40.95	1897.19	-9.26	-.78		.72	.72	.367
		24.3	-2333.55	-5139.62	-1674.35	2.42	-39.94	1897.19	-9.28	-2.25		.71	.71	.409
		32.4	-2339.49	-8976.78	-1910.02	2.42	-38.95	1897.19	-9.31	-3.83		.71	.71	.454
901- 902	169- 1	0.0	-114.02	151.18	360.37	-1.60	-.73	-16.55	-4.68	-4.27		.24	.24	.386
		6.9	-114.02	94.68	410.52	.38	-.64	-16.55	-4.68	-4.60		.15	.15	.393
		13.7	-114.02	46.07	298.56	2.34	-.54	-16.55	-4.68	-3.30		.29	.29	.355
		20.6	-114.02	5.36	25.88	4.29	-.45	-16.55	-4.68	-.29		.44	.44	.269
		27.4	-114.02	-27.46	-406.09	6.21	-.35	-16.55	-4.68	-4.45		.60	.60	.387
901- 904	169- 1	0.0	-78.61	-56.10	367.36	-1.53	-.05	-20.45	-3.23	-4.07		.22	.22	.293
		6.9	-78.59	-56.17	395.84	.63	.04	-20.45	-3.23	-4.37		.16	.16	.302
		13.7	-78.57	-51.77	264.05	2.57	.11	-20.45	-3.23	-2.94		.32	.32	.262
		20.6	-78.57	-40.29	-26.79	4.50	.16	-20.45	-3.23	-.53		.48	.48	.196
		27.4	-78.57	-25.14	-475.47	6.41	.20	-20.45	-3.23	-5.20		.64	.64	.325
901-1001	JL9- 1	0.0	4.04	-755.76	1619.13	10.59	1.04	64.85	.06	2.26		.57	.57	.073
		8.1	2.37	-602.58	201.34	10.62	1.68	64.85	.03	.81		.35	.35	.027
		16.2	.72	-412.00	-463.19	5.11	2.21	64.85	.01	.79		.15	.15	.025
		24.3	-.93	-176.07	-415.93	-4.02	2.63	64.85	-.01	-.57		.18	.18	.019
		32.4	-2.59	96.06	509.78	-10.65	2.95	64.85	-.04	-.41		.36	.36	.014
901-1002	150- 1	0.0	250.05	307.97	-141.12	-5.14	-3.22	-77.16	9.10	2.89		.77	.77	.407
		10.6	250.22	2.64	314.87	-2.10	-1.63	-77.16	9.10	2.69		.52	.52	.401
		21.1	250.38	-109.14	399.69	.73	-.16	-77.16	9.11	3.54		.38	.38	.428
		31.7	250.54	-43.14	155.94	3.41	1.16	-77.16	9.11	1.22		.59	.59	.355
		42.2	250.71	185.56	-461.19	6.00	2.41	-77.16	9.12	4.25		.80	.80	.451
901-1004	150- 1	0.0	-264.21	-239.08	-240.13	-5.68	5.12	-61.74	-9.61	-2.90		.74	.74	.525
		10.6	-264.05	48.59	260.11	-2.57	1.44	-61.74	-9.61	-2.43		.48	.48	.509
		21.1	-263.88	126.84	419.44	.34	-.16	-61.74	-9.60	-3.75		.29	.29	.553
		31.7	-263.72	7.97	201.71	3.07	-1.75	-61.74	-9.59	-1.73		.52	.52	.485
		42.2	-263.60	-311.12	-350.74	5.62	-3.28	-61.74	-9.59	-4.01		.74	.74	.562
902- 903	169- 1	0.0	-103.85	-24.80	-189.03	-3.56	-.42	33.62	-4.27	-2.08		.48	.48	.297
		6.9	-103.85	-55.50	26.44	-1.07	-.53	33.62	-4.27	-.67		.32	.32	.259
		13.7	-103.85	-78.30	85.44	.25	-.23	33.62	-4.27	-1.27		.21	.21	.276
		20.6	-103.85	-93.22	-10.14	2.10	-.13	33.62	-4.27	-1.03		.36	.36	.272
		27.4	-103.85	-100.23	-200.33	3.96	-.04	33.62	-4.27	-3.05		.51	.51	.326
902- 904	169- 1	0.0	1.04	-25.96	-30.25	-.14	.09	11.11	.09	1.33		.21	.21	.045
		6.9	1.04	-16.53	-18.80	-.14	.15	11.11	.09	.83		.22	.22	.029
		13.7	1.04	-2.46	-7.54	-.14	.19	11.11	.09	.26		.23	.23	.011
		20.6	1.04	14.20	4.11	-.14	.21	11.11	.09	.49		.23	.23	.019
		27.4	1.04	32.28	15.56	-.14	.22	11.11	.09	1.20		.23	.23	.041

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
902- 905 109- 1		0.0	-13.96	-22.35	-186.81	-2.94	-.02	-5.95	-1.17	-6.29		.59	.59	.260
		6.9	-13.97	-21.04	-.98	-1.58	.04	-5.95	-1.17	-.70		.37	.37	.084
		13.7	-13.98	-15.50	73.69	-.23	.09	-5.95	-1.17	-2.52		.14	.14	.141
		20.6	-14.00	-7.15	37.19	1.12	.11	-5.95	-1.18	-1.27		.29	.29	.102
		27.4	-14.01	2.62	-110.48	2.47	.12	-5.95	-1.18	-3.70		.51	.51	.179
903- 905 109- 1		0.0	189.94	-226.39	12.93	-.02	.44	-4.23	7.80	2.48		.06	.06	.349
		6.9	189.94	-186.51	14.47	-.02	.53	-4.23	7.80	2.04		.07	.07	.336
		13.7	189.94	-138.73	16.02	-.02	.63	-4.23	7.80	1.53		.07	.07	.319
		20.6	189.94	-83.07	17.56	-.02	.72	-4.23	7.80	.93		.08	.08	.300
		27.4	189.94	-19.51	19.10	-.02	.82	-4.23	7.80	.30		.09	.09	.280
903-1002 100- 1		0.0	-255.01	-212.29	617.51	6.77	2.16	-32.03	-9.28	-5.56		.65	.65	.599
		10.6	-254.85	-9.30	-30.64	3.49	1.05	-32.03	-9.27	-.27		.40	.40	.421
		21.1	-254.70	52.37	-273.24	.37	-.07	-32.03	-9.27	-2.38		.16	.16	.491
		31.7	-254.50	-24.11	-130.67	-2.60	-1.14	-32.03	-9.26	-1.14		.34	.34	.449
		42.2	-254.30	-235.30	380.57	-5.46	-2.20	-32.03	-9.25	-3.82		.57	.57	.539
903-1003 JL9- 1		0.0	-103.05	-252.06	-1705.93	-9.61	-6.92	771.40	-1.46	-2.19		.83	.83	.123
		8.1	-104.72	-656.99	-908.25	-6.83	-1.49	771.40	-1.48	-1.43		.69	.69	.100
		16.2	-106.41	-559.90	-368.72	-4.50	3.40	771.40	-1.51	-.85		.65	.65	.083
		24.3	-108.09	-10.56	-64.08	-1.98	7.82	771.40	-1.53	-.08		.72	.72	.059
		32.4	-109.75	948.67	21.15	.21	11.82	771.40	-1.55	-1.21		.82	.82	.095
903-1005 100- 1		0.0	-505.70	-637.04	-87.17	-.79	5.85	-1.68	-18.43	-5.49		.44	.44	1.064
		10.6	-506.54	-59.09	-8.80	-.45	3.13	-1.68	-18.43	-.60		.24	.24	.845
		21.1	-506.34	157.97	28.93	-.14	.47	-1.68	-18.42	-1.37		.08	.04	.879
		31.7	-506.19	51.90	27.85	.16	-2.14	-1.68	-18.41	-.50		.16	.16	.840
		42.2	-506.02	-380.67	-13.57	.50	-4.69	-1.68	-18.41	-3.26		.35	.35	.963
904- 905 109- 1		0.0	12.87	25.22	-154.62	-2.74	-.08	-6.44	1.08	5.24		.57	.57	.203
		6.9	12.87	16.28	17.08	-1.43	-.08	-6.44	1.08	.84		.35	.35	.064
		13.7	12.87	11.55	80.22	-.10	-.08	-6.44	1.08	2.71		.13	.13	.123
		20.6	12.87	4.41	33.41	1.24	-.08	-6.44	1.08	1.13		.32	.32	.073
		27.4	12.87	-2.53	-124.77	2.61	-.08	-6.44	1.08	4.17		.55	.55	.169
904- 906 109- 1		0.0	-86.98	-25.66	-305.29	-4.35	.51	38.13	-3.57	-3.35		.57	.57	.293
		6.9	-86.98	17.24	-25.45	-2.46	.54	38.13	-3.57	-.34		.41	.41	.209
		13.7	-86.98	62.39	99.61	-.59	.56	38.13	-3.57	-1.28		.28	.28	.236
		20.6	-86.98	109.60	71.81	1.26	.59	38.13	-3.57	-1.43		.32	.32	.243
		27.4	-86.98	154.47	-106.92	3.08	.62	38.13	-3.57	-2.10		.47	.47	.264
905- 906 109- 1		0.0	172.11	-27.67	-216.15	-1.11	.86	-4.06	7.07	2.38		.14	.14	.321
		6.9	172.11	46.63	-124.97	-1.11	.95	-4.06	7.07	1.46		.14	.14	.292
		13.7	172.11	127.41	-33.79	-1.11	1.02	-4.06	7.07	1.44		.15	.15	.291
		20.6	172.11	213.27	57.39	-1.11	1.07	-4.06	7.07	2.41		.15	.15	.322
		27.4	172.11	302.79	148.57	-1.11	1.10	-4.06	7.07	3.69		.15	.15	.362

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	100- 1	0.0	262.41	246.74	548.16	6.57	-2.25	-51.52	9.55	5.14		.72	.72	.494
		10.6	262.54	33.91	-72.21	3.26	-1.14	-51.52	9.55	.68		.47	.47	.353
		21.1	262.67	-46.65	-284.51	.12	-.14	-51.52	9.56	2.46		.23	.23	.410
		31.7	262.81	-5.64	-110.64	-2.65	.79	-51.52	9.56	.95		.43	.43	.362
		42.2	262.97	150.11	430.09	-5.67	1.66	-51.52	9.57	3.89		.65	.65	.455
906-1005	100- 1	0.0	505.51	437.25	-95.46	-.66	-4.96	-23.91	18.58	3.82		.47	.47	.759
		10.6	505.46	-19.82	-10.92	-.48	-2.26	-23.91	18.39	.19		.27	.27	.645
		21.1	505.61	-147.55	26.10	-.11	.24	-23.91	18.39	1.28		.12	.12	.679
		31.7	505.75	34.87	17.96	.24	2.62	-23.91	18.40	.34		.29	.29	.650
		42.2	505.84	511.16	-35.02	.57	4.86	-23.91	18.40	4.38		.46	.46	.777
906-1006	JL9- 1	0.0	112.90	754.48	150.31	-8.60	10.08	661.66	1.60	.95		.80	.80	.086
		8.1	111.23	1349.42	757.45	-3.91	2.61	661.66	1.57	1.97		.55	.55	.117
		16.2	109.56	1251.16	918.56	.57	-4.58	661.66	1.55	1.97		.55	.55	.116
		24.3	107.90	465.65	652.14	4.69	-11.54	661.66	1.53	1.02		.78	.78	.085
		32.4	106.22	-988.94	-28.75	9.08	-18.32	661.66	1.50	1.26		1.00	1.00	.092
1010- 910	P3- 1	0.0	-201.21	-1375.89	-13642.02	-18.05	-3.20	672.78	-.68	-4.94		.25	.25	.182
		8.1	-194.22	-1631.02	-11865.27	-18.05	-2.04	672.78	-.66	-4.35		.24	.24	.161
		16.2	-187.23	-1772.08	-10128.53	-18.05	-.87	672.78	-.63	-3.71		.24	.24	.141
		24.3	-180.24	-1800.87	-8371.78	-18.05	.29	672.78	-.61	-3.09		.24	.24	.120
		32.4	-173.25	-1715.58	-6615.04	-18.05	1.46	672.78	-.59	-2.46		.24	.24	.100
1011- 911	P3- 1	0.0	1828.99	-54510.35	3162.85	2.17	165.98	2503.55	6.16	19.69		1.57	1.57	.838
		8.1	1827.98	-38299.81	2951.71	2.17	167.14	2503.55	6.18	13.85		1.58	1.58	.652
		16.2	1826.97	-21975.79	2740.57	2.17	168.31	2503.55	6.21	7.99		1.59	1.59	.468
		24.3	1825.96	-5536.29	2529.43	2.17	169.47	2503.55	6.23	2.20		1.60	1.60	.286
		32.4	1824.95	11012.64	2318.29	2.17	170.64	2503.55	6.25	4.06		1.61	1.61	.345
1012- 912	P3- 1	0.0	-2367.68	55350.26	2852.20	2.42	-167.57	2382.01	-8.01	-19.99		1.56	1.56	.909
		8.1	-2360.69	39047.66	2616.52	2.42	-166.41	2382.01	-7.98	-14.13		1.56	1.56	.723
		16.2	-2353.70	22958.62	2380.85	2.42	-165.24	2382.01	-7.96	-8.32		1.55	1.55	.539
		24.3	-2346.70	6933.14	2145.17	2.42	-164.07	2382.01	-7.94	-2.62		1.54	1.54	.369
		32.4	-2339.71	-8978.78	1909.49	2.42	-162.91	2382.01	-7.91	-3.31		1.53	1.53	.387
1001-1002	200- 1	0.0	22.64	217.08	880.72	-.57	-1.05	97.63	.60	5.08		.33	.33	.181
		8.0	22.64	115.27	827.30	1.68	-1.11	97.63	.60	4.67		.38	.38	.168
		16.0	22.64	5.17	558.31	3.92	-1.19	97.63	.60	3.12		.49	.49	.119
		24.0	22.64	-112.64	73.73	6.16	-1.27	97.63	.60	.75		.60	.60	.044
		32.0	22.64	-238.14	-626.43	8.41	-1.35	97.63	.60	3.75		.72	.72	.139
1001-1004	200- 1	0.0	-.75	-275.59	909.41	-.40	1.21	171.17	-.02	-5.32		.55	.55	.169
		8.0	-.73	-163.07	858.17	1.88	1.13	171.17	-.02	-4.78		.59	.59	.152
		16.0	-.71	-58.25	547.97	4.15	1.05	171.17	-.02	-3.08		.70	.70	.098
		24.0	-.71	38.87	40.49	6.40	.97	171.17	-.02	-.31		.82	.82	.011
		32.0	-.71	126.29	-662.61	8.64	.89	171.17	-.02	-3.69		.94	.94	.124

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	371.71	147.46	-219.38	-3.30	-1.29	-90.02	9.77	1.48		.44	.44	.386
		8.0	371.71	19.72	-9.12	-1.08	-1.37	-90.02	9.77	.12		.34	.34	.343
		16.0	371.71	-115.72	-10.59	1.10	-1.45	-90.02	9.77	.65		.35	.35	.360
		24.0	371.71	-256.86	-219.03	3.25	-1.53	-90.02	9.77	1.90		.44	.44	.399
		32.0	371.71	-409.69	-633.31	5.35	-1.61	-90.02	9.77	4.22		.55	.55	.473
1002-1004	140- 1	0.0	.12	-295.96	-99.62	-.51	1.74	37.20	.01	5.86		.58	.58	.185
		8.0	.12	-134.00	-51.00	-.51	1.63	37.20	.01	2.69		.56	.56	.085
		16.0	.12	17.19	-2.39	-.51	1.52	37.20	.01	.33		.55	.55	.011
		24.0	.12	167.59	46.23	-.51	1.40	37.20	.01	3.08		.54	.54	.098
		32.0	.12	287.21	94.85	-.51	1.29	37.20	.01	5.68		.52	.52	.180
1002-1005	140- 1	0.0	-28.31	-218.08	-277.41	-3.55	1.06	-15.60	-1.76	-6.63		.61	.61	.287
		8.0	-28.32	-121.57	-14.02	-1.94	.95	-15.60	-1.76	-2.30		.42	.42	.150
		16.0	-28.32	-35.64	95.83	-.34	.84	-15.60	-1.76	-1.92		.26	.26	.138
		24.0	-28.30	39.10	50.49	1.28	.72	-15.60	-1.76	-1.20		.33	.33	.115
		32.0	-28.28	103.27	-151.73	2.92	.61	-15.60	-1.76	-3.45		.52	.52	.186
1003-1005	200- 1	0.0	361.20	-799.09	64.41	-.25	3.50	-23.21	9.49	4.49		.25	.25	.471
		8.0	361.20	-466.68	88.48	-.25	3.42	-23.21	9.49	2.66		.25	.25	.414
		16.0	361.20	-141.96	112.56	-.25	3.34	-23.21	9.49	1.01		.24	.24	.362
		24.0	361.20	175.05	136.65	-.25	3.26	-23.21	9.49	1.24		.24	.24	.369
		32.0	361.20	484.36	160.70	-.25	3.18	-23.21	9.49	2.86		.23	.23	.420
1004-1005	140- 1	0.0	28.35	147.80	-267.09	-3.50	-.41	-25.94	1.77	5.73		.68	.68	.242
		8.0	28.35	103.21	-7.85	-1.90	-.52	-25.94	1.77	1.94		.49	.49	.123
		16.0	28.35	47.84	97.41	-.29	-.63	-25.94	1.77	2.04		.33	.33	.126
		24.0	28.35	-18.31	48.66	1.31	-.74	-25.94	1.77	.98		.43	.43	.092
		32.0	28.35	-95.24	-154.03	2.91	-.86	-25.94	1.77	3.40		.62	.62	.189
1004-1006	200- 1	0.0	-363.96	-269.50	-183.08	-3.15	2.00	-31.71	-9.57	-1.82		.28	.28	.576
		8.0	-363.97	-81.02	12.73	-.93	1.92	-31.71	-9.57	-.46		.20	.20	.524
		16.0	-363.97	99.75	-2.78	1.25	1.84	-31.71	-9.57	-.56		.21	.21	.529
		24.0	-363.96	272.02	-226.97	3.41	1.76	-31.71	-9.57	-1.99		.29	.29	.580
		32.0	-363.95	436.19	-657.23	5.54	1.68	-31.71	-9.57	-4.42		.39	.39	.655
1005-1006	200- 1	0.0	-356.54	-345.04	-156.06	-.20	3.18	-8.58	-8.65	-2.12		.19	.19	.551
		8.0	-356.54	-43.58	-136.40	-.20	3.10	-8.58	-8.65	-.80		.19	.19	.491
		16.0	-356.54	250.17	-116.74	-.20	3.02	-8.58	-8.65	-1.54		.18	.18	.528
		24.0	-356.54	536.23	-97.08	-.20	2.94	-8.58	-8.65	-3.05		.18	.18	.593
		32.0	-356.54	814.58	-77.45	-.20	2.86	-8.58	-8.65	-4.58		.17	.17	.658

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102 W10- 1		0.0	-3.52	374.84	79.59	.66	-6.94	.01	-.22	4.21	7.42	.08	1.08	.400
		3.6	-3.52	110.26	50.67	.66	-5.22	.01	-.22	1.24	4.73	.08	.81	.212
		7.3	-3.52	-79.42	21.75	.66	-3.50	.01	-.22	-.89	2.03	.08	.54	.106
		10.9	-3.52	-194.20	-7.17	.66	-1.78	.01	-.22	-2.18	-.67	.08	.28	.101
		14.5	-3.52	-254.08	-36.09	.66	-.06	.01	-.22	-2.63	-3.37	.08	.01	.209
101- 104 W10- 1		0.0	-2.69	376.71	74.81	.58	-6.81	-.01	-.17	4.23	6.98	.07	1.06	.383
		3.6	-2.69	118.06	49.44	.58	-5.09	-.01	-.17	1.32	4.61	.07	.79	.209
		7.2	-2.69	-65.76	24.07	.58	-3.37	-.01	-.17	-.74	2.25	.07	.52	.108
		10.9	-2.69	-174.74	-1.30	.58	-1.65	-.01	-.17	-1.96	-.12	.07	.26	.073
		14.5	-2.69	-206.69	-26.66	.58	.08	-.01	-.17	-2.34	-2.49	.07	.01	.167
101- 201 BRL- 1		0.0	-19.75	-326.20	503.29	4.36	3.29	154.40	-.21	-1.02		.24	.24	.040
		3.8	-19.92	-176.21	366.95	4.36	3.29	154.40	-.22	-.64		.24	.24	.028
		7.5	-21.08	-39.25	170.61	4.36	3.29	154.40	-.23	-.27		.24	.24	.017
		11.3	-22.24	117.76	-25.72	4.36	3.29	154.40	-.24	-.19		.24	.24	.015
		15.0	-23.40	265.74	-222.06	4.36	3.29	154.40	-.26	-.54		.24	.24	.026
102- 103 W10- 1		0.0	-3.31	-235.19	-51.04	-.49	.28	-.01	-.20	-2.64	-2.90	.06	.04	.192
		3.6	-3.31	-185.42	-9.54	-.49	2.00	-.01	-.20	-2.08	-.69	.06	.31	.105
		7.3	-3.31	-80.76	11.95	-.49	3.73	-.01	-.20	-.68	1.11	.06	.58	.069
		10.9	-3.31	156.81	33.44	-.49	5.45	-.01	-.20	1.56	3.12	.06	.85	.166
		14.5	-3.31	413.28	54.93	-.49	7.17	-.01	-.20	4.64	5.12	.06	1.11	.333
102- 104 W06- 1		0.0	-.47	-1.09	-5.47	-.07	-.17	-.00	-.07	-.05	-.98	.01	.09	.040
		3.6	-.47	-0.81	-2.21	-.07	-.09	-.00	-.07	-.33	-.39	.01	.05	.028
		7.2	-.47	-0.74	1.05	-.07	-.00	-.00	-.07	-.42	.19	.01	.00	.024
		10.9	-.47	-0.89	4.30	-.07	.09	-.00	-.07	-.35	.77	.02	.05	.041
		14.5	-.47	-1.27	7.56	-.07	.17	-.00	-.07	-.06	1.35	.02	.09	.053
102- 105 W06- 1		0.0	-.81	1.12	.42	.03	-.16	.00	-.11	.05	.07	.00	.08	.012
		3.6	-.81	-4.12	-.69	.03	-.08	.00	-.11	-.20	-.12	.01	.04	.018
		7.2	-.81	-5.58	-1.80	.03	.01	.00	-.11	-.27	-.32	.01	.01	.027
		10.9	-.81	-3.25	-2.91	.03	.10	.00	-.11	-.16	-.52	.01	.05	.030
		14.5	-.81	2.65	-4.01	.03	.18	.00	-.11	.14	-.72	.01	.09	.036
103- 105 W10- 1		0.0	-3.79	433.58	-46.84	-.36	-7.27	.00	-.23	4.87	-4.37	.04	1.13	.315
		3.6	-3.79	155.05	-31.38	-.36	-5.55	.00	-.23	1.74	-2.93	.04	.86	.166
		7.2	-3.79	-46.63	-15.92	-.36	-3.82	.00	-.23	-.55	-1.49	.04	.59	.079
		10.9	-3.79	-177.49	-.46	-.36	-2.10	.00	-.23	-1.99	-.04	.04	.33	.074
		14.5	-3.79	-231.50	15.00	-.36	-.38	.00	-.23	-2.60	1.40	.04	.06	.140
103- 203 BRL- 1		0.0	-19.44	-575.45	-530.17	-4.69	3.95	-101.77	-.21	-1.15		.22	.22	.044
		3.8	-20.60	-197.54	-409.90	-4.69	3.95	-101.77	-.23	-.71		.22	.22	.031
		7.5	-21.76	-19.63	-189.63	-4.69	3.95	-101.77	-.24	-.30		.22	.22	.018
		11.3	-22.92	158.27	30.64	-4.69	3.95	-101.77	-.25	-.25		.22	.22	.017
		15.0	-24.09	336.18	250.91	-4.69	3.95	-101.77	-.26	-.66		.22	.22	.030

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 R06- 1		0.0	1.27	1.20	-5.84	-.01	-.20	.00	.18	.06	-.69	.00	.10	.032
		3.6	1.27	-5.50	-3.54	-.01	-.11	.00	.18	-.26	-.60	.00	.06	.035
		7.3	1.27	-8.42	-2.84	-.01	-.02	.00	.18	-.40	-.51	.00	.01	.037
		10.9	1.27	-7.55	-2.35	-.01	.06	.00	.18	-.36	-.42	.00	.03	.032
		14.5	1.27	-2.90	-1.85	-.01	.15	.00	.18	-.14	-.33	.00	.08	.022
104- 106 R16- 1		0.0	-3.64	-210.12	-15.27	-.14	.45	.00	-.22	-2.36	-1.42	.02	.07	.133
		3.6	-3.64	-155.28	-8.96	-.14	2.17	.00	-.22	-1.72	-.84	.02	.34	.093
		7.3	-3.64	-21.51	-2.66	-.14	3.89	.00	-.22	-.24	-.25	.02	.60	.026
		10.9	-3.64	185.18	3.64	-.14	5.61	.00	-.22	2.08	.34	.02	.87	.087
		14.5	-3.64	472.95	9.95	-.14	12.33	.00	-.22	5.31	.93	.02	1.91	.209
105- 106 R16- 1		0.0	-4.84	-226.65	9.14	.06	-.05	-.04	-.30	-2.57	.85	.01	.01	.123
		3.6	-4.84	-195.24	6.36	.06	1.67	-.04	-.30	-2.17	.59	.01	.26	.102
		7.3	-4.84	-92.93	3.62	.06	3.40	-.04	-.30	-.93	.34	.01	.53	.054
		10.9	-4.84	102.31	.86	.06	5.12	-.04	-.30	1.15	.08	.01	.80	.052
		14.5	-4.84	362.47	-1.90	.06	6.84	-.04	-.30	4.07	-.18	.01	1.06	.147
106- 206 DRL- 1		0.0	-16.37	834.30	-20.87	-2.34	-14.36	94.78	-.18	-1.31		.39	.39	.048
		3.8	-17.53	187.05	84.50	-2.34	-14.36	94.78	-.19	-.32		.39	.39	.017
		7.5	-18.69	-460.21	189.87	-2.34	-14.36	94.78	-.21	.78		.39	.39	.032
		11.3	-19.85	-1107.47	295.24	-2.34	-14.38	94.78	-.22	-1.79		.39	.39	.064
		15.0	-21.02	-1754.72	400.61	-2.34	-14.38	94.78	-.23	-2.82		.39	.39	.097
201- 202 R16- 1		0.0	19.56	564.80	84.58	.71	-9.96	.07	1.21	6.34	7.89	.06	1.55	.516
		3.6	19.56	185.48	53.58	.71	-7.46	.07	1.21	2.08	5.00	.06	1.16	.281
		7.3	19.56	-85.82	22.56	.71	-5.00	.07	1.21	-.96	2.11	.06	.78	.146
		10.9	19.56	-249.11	-8.42	.71	-2.51	.07	1.21	-2.80	-.79	.06	.39	.158
		14.5	19.56	-304.58	-39.42	.71	-.03	.07	1.21	-3.42	-3.68	.06	.01	.277
201- 204 R16- 1		0.0	-39.54	615.30	80.17	.64	-10.29	-.05	-2.44	6.90	7.48	.08	1.60	.560
		3.6	-39.54	221.88	52.27	.64	-7.81	-.05	-2.44	2.49	4.88	.08	1.21	.351
		7.2	-39.54	-63.61	24.38	.64	-5.33	-.05	-2.44	-.71	2.27	.08	.83	.204
		10.9	-39.54	-241.19	-3.52	.64	-2.84	-.05	-2.44	-2.71	-.33	.08	.44	.199
		14.5	-39.54	-510.84	-31.41	.64	-.36	-.05	-2.44	-3.49	-2.93	.08	.06	.314
201- 301 DRL- 1		0.0	-52.52	-265.78	860.58	11.62	44.47	623.15	-.58	-1.41		1.50	1.50	.065
		3.8	-55.68	1735.16	337.69	11.62	44.47	623.15	-.59	-2.77		1.50	1.50	.109
		7.5	-58.84	3736.11	-185.20	11.62	44.47	623.15	-.60	-5.85		1.50	1.50	.207
		11.3	-56.00	5709.55	-708.09	11.62	42.27	623.15	-.61	-9.00		1.45	1.45	.306
		15.0	-57.17	7500.54	-1230.99	11.62	37.01	623.15	-.63	-11.89		1.34	1.34	.398
201- 303 120- 1		0.0	-4.68	68.54	30.11	-1.24	-1.22	-7.16	-.24	-1.65		.24	.24	.063
		8.2	-4.93	-8.04	151.15	-1.24	-.75	-7.16	-.26	-2.67		.21	.21	.096
		16.3	-5.17	-56.27	272.19	-1.24	-.28	-7.16	-.27	-4.91		.19	.19	.167
		24.5	-5.42	-37.95	291.32	2.51	1.05	-7.16	-.28	-5.18		.35	.35	.177
		32.6	-5.66	162.00	-308.78	11.52	5.07	-7.16	-.29	-7.11		1.30	1.30	.238

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
202- 205 W18- 1		0.0	19.83	-516.32	-55.17	-.52	.38	-.06	1.22	-3.55	-3.09	.06	.06	.262
		3.6	19.83	-245.84	-10.33	-.52	2.86	-.06	1.22	-2.76	-.96	.06	.45	.163
		7.3	19.83	-67.34	12.51	-.52	5.34	-.06	1.22	-.76	1.17	.06	.83	.107
		10.9	19.83	219.17	35.34	-.52	7.83	-.06	1.22	2.46	3.30	.06	1.22	.235
		14.5	19.83	615.71	58.16	-.52	10.31	-.06	1.22	6.89	5.43	.06	1.60	.448
202- 204 W08- 1		0.0	-.46	-11.84	-6.40	-.08	-.17	-.00	-.06	-.57	-1.14	.02	.09	.062
		3.6	-.46	-17.51	-2.80	-.08	-.09	-.00	-.06	-.84	-.50	.02	.05	.048
		7.2	-.46	-19.40	.81	-.08	.00	-.00	-.06	-.93	.14	.02	.00	.039
		10.9	-.46	-17.50	4.42	-.08	.09	-.00	-.06	-.84	.79	.02	.05	.058
		14.5	-.46	-11.85	8.02	-.08	.17	-.00	-.06	-.57	1.43	.02	.09	.072
202- 205 W08- 1		0.0	-.91	12.00	.15	.03	-.23	-.02	-.13	.58	.03	.01	.12	.028
		3.6	-.91	5.72	-1.11	.03	-.15	-.02	-.13	.18	-.20	.01	.08	.021
		7.2	-.91	-.79	-2.36	.03	-.06	-.02	-.13	-.04	-.42	.01	.04	.024
		10.9	-.91	-1.51	-3.62	.03	.03	-.02	-.13	-.07	-.65	.01	.02	.033
		14.5	-.91	1.56	-4.88	.03	.11	-.02	-.13	.07	-.87	.01	.07	.041
203- 205 W18- 1		0.0	28.57	1381.71	-50.36	-.38	-23.17	-.07	1.76	15.51	-4.70	.04	3.60	.714
		3.6	28.57	496.85	-34.05	-.38	-17.53	-.07	1.76	5.58	-3.18	.04	2.72	.348
		7.2	28.57	-143.02	-17.73	-.38	-11.90	-.07	1.76	-1.60	-1.65	.04	1.85	.169
		10.9	28.57	-537.91	-1.42	-.38	-6.26	-.07	1.76	-6.04	-.13	.04	.97	.256
		14.5	28.57	-887.80	14.89	-.38	-.63	-.07	1.76	-7.72	1.39	.04	.10	.353
203- 303 DBL- 1		0.0	-21.04	-877.08	-940.93	-11.57	52.49	-387.96	-.23	-2.01		1.48	1.48	.072
		3.8	-22.20	1484.97	-420.28	-11.57	52.49	-387.96	-.24	-2.41		1.48	1.48	.085
		7.5	-23.37	3847.01	100.37	-11.57	52.49	-387.96	-.26	-6.02		1.48	1.48	.199
		11.3	-24.53	6181.55	621.02	-11.57	50.29	-387.96	-.27	-9.72		1.44	1.44	.317
		15.0	-25.69	8333.45	1141.67	-11.57	45.04	-387.96	-.28	-13.16		1.32	1.32	.426
203- 306 120- 1		0.0	-93.85	-41.99	-206.58	-.68	-.11	-12.70	-4.88	-3.72		.18	.18	.340
		8.2	-94.09	-29.29	-140.43	-.68	.37	-12.70	-4.89	-2.53		.19	.19	.305
		16.3	-94.33	29.55	-74.28	-.68	.84	-12.70	-4.90	-1.41		.22	.22	.271
		24.5	-94.56	154.54	-8.13	-.68	1.31	-12.70	-4.92	-2.38		.26	.26	.301
		32.6	-94.82	285.68	58.02	-.68	1.78	-12.70	-4.93	-5.14		.31	.31	.387
204- 205 W08- 1		0.0	1.37	11.81	-3.15	.00	-.25	.02	.19	.57	-.56	.00	.13	.045
		3.6	1.37	2.68	-3.16	.00	-.17	.02	.19	.13	-.56	.00	.09	.031
		7.3	1.37	-2.66	-3.17	.00	-.08	.02	.19	-.13	-.57	.01	.05	.031
		10.9	1.37	-4.22	-3.18	.00	.01	.02	.19	-.20	-.57	.01	.01	.033
		14.5	1.37	-2.00	-3.19	.00	.09	.02	.19	-.10	-.57	.01	.06	.030
204- 206 W18- 1		0.0	-40.52	-322.67	-20.24	-.20	.07	.03	-2.50	-3.62	-1.89	.02	.01	.265
		5.6	-40.52	-265.77	-11.44	-.20	2.55	.03	-2.50	-2.98	-1.07	.02	.40	.236
		7.3	-40.52	-100.82	-2.64	-.20	5.03	.03	-2.50	-1.13	-.25	.02	.78	.149
		10.9	-40.52	172.18	6.15	-.20	7.52	.03	-2.50	1.93	.57	.02	1.17	.186
		14.5	-40.52	561.21	14.95	-.20	10.50	.03	-2.50	6.30	1.39	.02	2.56	.352

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 W16- 1		0.0	27.41	-686.02	6.82	.03	-.42	.06	1.69	-7.70	.64	.00	.07	.324
		3.6	27.41	-581.74	5.59	.03	5.22	.06	1.69	-6.53	.52	.00	.81	.253
		7.3	27.41	-232.17	4.36	.03	10.85	.06	1.69	-2.61	.41	.00	1.69	.155
		10.9	27.41	362.67	3.13	.03	16.49	.06	1.69	4.07	.29	.00	2.56	.197
		14.5	27.41	1202.80	1.90	.03	22.13	.06	1.69	13.50	.18	.00	3.44	.491
206- 301 I20- 1		0.0	105.62	212.30	193.40	1.70	-2.25	10.96	5.49	5.06		.39	.39	.351
		8.2	105.38	14.55	27.09	1.70	-1.78	10.96	5.48	.54		.35	.35	.207
		16.3	105.13	-137.06	-139.22	1.70	-1.31	10.96	5.46	3.44		.32	.32	.299
		24.5	104.89	-237.21	-301.77	1.07	.04	10.96	5.45	6.77		.21	.21	.403
		32.6	104.63	195.02	-97.47	-5.72	9.25	10.96	5.44	3.84		1.23	1.23	.310
206- 306 DKL- 1		0.0	-110.18	6.17	700.65	11.41	53.86	244.67	-1.21	-1.10		1.40	1.40	.078
		3.8	-111.34	2430.06	187.09	11.41	55.86	244.67	-1.22	-3.81		1.40	1.40	.165
		7.5	-112.50	4853.95	-326.46	11.41	55.86	244.67	-1.23	-7.61		1.40	1.40	.285
		11.3	-113.67	7277.83	-840.02	11.41	53.86	244.67	-1.25	-11.46		1.40	1.40	.407
		15.0	-114.83	9701.72	-1353.58	11.41	55.86	244.67	-1.26	-15.32		1.40	1.40	.529
301- 303 I25- 1		0.0	4.82	151.25	-605.68	-14.97	-2.89	2.30	.25	11.01		1.60	1.60	.356
		7.3	4.82	-35.94	356.05	-7.14	-1.41	2.30	.25	6.31		.78	.78	.208
		14.5	4.82	-93.63	656.57	.69	.08	2.30	.25	11.35		.09	.09	.367
		21.7	4.82	-22.42	235.89	8.52	1.56	2.30	.25	4.18		.92	.92	.141
		29.0	4.82	178.30	-846.01	16.35	3.05	2.30	.25	15.25		1.75	1.75	.490
301- 306 I25- 1		0.0	-78.38	-285.92	1.51	-5.65	.02	.63	-4.07	-5.04		.59	.59	.327
		7.2	-78.37	-222.41	321.71	-1.76	1.42	.63	-4.07	-6.90		.24	.24	.362
		14.5	-78.36	-44.66	312.00	1.94	2.62	.63	-4.07	-5.56		.34	.34	.342
		21.7	-78.35	225.47	-7.59	5.33	3.53	.63	-4.07	-3.98		.67	.67	.296
		29.0	-78.34	556.79	-596.07	7.61	4.03	.63	-4.07	-14.38		.92	.92	.601
301- 401 DKL- 1		0.0	-39.61	9115.29	-826.03	-7.31	-28.82	-1377.65	-.43	-14.32		1.73	1.73	.469
		7.1	-41.82	6125.40	-201.10	-7.31	-41.36	-1377.65	-.46	-9.59		2.00	2.00	.320
		14.2	-44.03	1993.29	423.83	-7.31	-55.54	-1377.65	-.48	-3.19		2.31	2.31	.119
		21.4	-46.24	-3361.25	1048.76	-7.31	-69.31	-1377.65	-.51	-5.51		2.61	2.61	.193
		28.5	-48.45	-9791.01	1673.69	-7.31	-80.69	-1377.65	-.53	-15.54		2.86	2.86	.511
303- 306 I25- 1		0.0	46.75	-259.94	106.04	6.06	-.21	-15.01	2.43	4.95		.76	.76	.241
		7.2	46.76	-216.27	-252.55	2.20	1.19	-15.01	2.43	5.86		.39	.39	.269
		14.5	46.76	-56.56	-280.60	-1.51	2.39	-15.01	2.43	5.05		.43	.43	.244
		21.7	46.79	191.93	1.02	-4.90	3.31	-15.01	2.43	3.38		.75	.75	.191
		29.0	46.78	503.42	551.52	-7.57	5.80	-15.01	2.43	13.17		.99	.99	.500
303- 403 DKL- 1		0.0	-34.28	8377.57	943.69	7.76	-26.35	888.36	-.38	-13.19		1.30	1.30	.431
		7.1	-36.49	5598.67	280.25	7.76	-38.91	888.36	-.40	-8.77		1.57	1.57	.292
		14.2	-38.69	1677.95	-383.24	7.76	-53.07	888.36	-.42	-2.69		1.87	1.87	.101
		21.4	-40.90	-3465.41	-1046.70	7.76	-66.84	888.36	-.45	-5.66		2.17	2.17	.196
		28.5	-43.11	-9083.98	-1710.17	7.76	-78.22	888.36	-.47	-15.38		2.42	2.42	.504

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE Fx KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DKL- 1	0.0	-167.81	10867.37	-1236.55	-9.66	-53.62	231.86	-1.84	-17.11		1.38	1.38	.610
		7.1	-170.02	6144.77	-410.67	-9.66	-58.59	231.86	-1.87	-9.63		1.48	1.48	.375
		14.2	-172.23	541.68	415.20	-9.66	-71.76	231.86	-1.89	-1.13		1.77	1.77	.108
		21.4	-174.44	-6121.27	1241.07	-9.66	-85.15	231.86	-1.91	-9.77		2.06	2.06	.381
		28.5	-176.65	-13906.14	2066.94	-9.66	-96.58	231.86	-1.94	-21.99		2.31	2.31	.768
401- 501	JL4- 1	0.0	-1098.04	2717.22	17034.61	-61.61	57.55	-183.87	-4.32	-6.08		.60	.60	.342
		1.1	-1099.01	3242.38	17893.54	-63.89	59.17	-183.87	-4.32	-6.41		.62	.62	.353
		2.3	-1099.98	3769.47	18765.24	-66.10	60.76	-183.87	-4.33	-6.75		.64	.64	.364
		3.4	-1100.95	4358.01	19702.90	-68.26	62.31	-183.87	-4.33	-7.11		.66	.66	.375
		4.6	-1101.91	4947.51	20651.72	-70.36	63.82	-183.87	-4.33	-7.49		.68	.68	.387
401- 510	P1- 1	0.0	1058.01	3869.16	-9303.70	-4.37	17.21	83.94	4.78	4.68		.18	.18	.314
		1.1	1057.16	3906.25	-9243.81	-4.37	17.35	83.94	4.78	4.69		.18	.18	.314
		2.3	1056.31	4145.29	-9183.92	-4.37	17.50	83.94	4.77	4.71		.18	.18	.315
		3.4	1055.47	4586.26	-9124.03	-4.37	17.64	83.94	4.77	4.74		.18	.18	.315
		4.6	1054.62	4629.18	-9064.14	-4.37	17.78	83.94	4.77	4.76		.19	.19	.316
403- 503	JL4- 1	0.0	-1127.55	3152.83	-18472.05	75.46	63.08	952.25	-4.43	-6.60		.94	.94	.363
		1.1	-1128.52	4007.42	-19520.60	77.74	64.70	952.25	-4.44	-7.02		.96	.96	.376
		2.3	-1129.49	4903.94	-20599.93	79.96	66.29	952.25	-4.44	-7.46		.98	.98	.390
		3.4	-1130.26	5821.90	-21709.22	82.12	67.84	952.25	-4.45	-7.92		1.01	1.01	.405
		4.6	-1131.23	6760.85	-22847.66	84.21	69.35	952.25	-4.45	-8.40		1.03	1.03	.420
403- 511	P1- 1	0.0	1110.12	4496.07	9185.28	4.67	18.53	287.24	5.02	4.78		.24	.24	.325
		1.1	1109.28	4751.24	9121.16	4.67	18.67	287.24	5.01	4.81		.24	.24	.326
		2.3	1108.43	5008.35	9057.04	4.67	18.81	287.24	5.01	4.84		.24	.24	.327
		3.4	1107.58	5267.41	8992.92	4.67	18.96	287.24	5.01	4.87		.24	.24	.328
		4.6	1106.75	5528.40	8928.81	4.67	19.10	287.24	5.00	4.91		.24	.24	.329
406- 506	JL4- 1	0.0	2421.94	-6704.67	2400.05	-9.37	-71.63	292.80	9.52	2.51		.62	.62	.410
		1.1	2420.96	-7702.45	2528.23	-9.37	-74.17	292.80	9.52	2.86		.64	.64	.421
		2.3	2419.99	-8734.49	2656.41	-9.37	-76.64	292.80	9.52	3.22		.66	.66	.432
		3.4	2419.02	-9799.41	2784.59	-9.37	-79.04	292.80	9.51	3.59		.68	.68	.444
		4.6	2418.05	-10897.84	2912.77	-9.37	-81.38	292.80	9.51	3.98		.70	.70	.456
406- 512	P1- 1	0.0	-2612.08	-7201.45	-399.25	-.29	4.47	275.85	-11.80	-3.37		.11	.11	.516
		1.1	-2612.91	-7159.17	-395.22	-.29	4.61	275.85	-11.81	-3.34		.11	.11	.516
		2.3	-2613.76	-7074.44	-391.19	-.29	4.75	275.85	-11.81	-3.31		.11	.11	.515
		3.4	-2614.60	-7008.77	-387.16	-.29	4.89	275.85	-11.82	-3.28		.11	.11	.514
		4.6	-2615.45	-6940.67	-383.14	-.29	5.04	275.85	-11.82	-3.25		.11	.11	.513
501- 502	105- 1	0.0	132.94	140.06	645.42	1.70	-2.26	-139.15	4.40	5.91		.81	.81	.340
		3.8	132.94	53.20	509.56	4.28	-1.56	-139.15	4.40	4.59		.92	.92	.298
		7.6	132.94	-2.16	256.64	6.85	-.87	-139.15	4.40	2.30		1.08	1.08	.225
		11.4	132.94	-26.02	-113.34	9.43	-.16	-139.15	4.40	1.04		1.25	1.25	.186
		15.1	132.94	-16.57	-600.38	12.00	.51	-139.15	4.40	5.38		1.42	1.42	.323

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECT.	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
501- 504	105- 1	0.0	-284.60	-611.34	707.26	4.34	2.09	-96.68	-9.43	-9.64		.75	.75	.678
		3.8	-284.60	-700.82	481.29	5.61	2.77	-96.68	-9.43	-7.61		.85	.85	.620
		7.6	-284.61	-559.66	197.47	6.88	3.44	-96.68	-9.43	-5.31		.94	.94	.555
		11.4	-284.62	-388.74	-140.20	8.16	4.08	-96.68	-9.43	-3.71		1.04	1.04	.506
		15.1	-284.63	-188.90	-543.71	9.43	4.71	-96.68	-9.43	-5.15		1.13	1.13	.557
501- 601	105- 1	0.0	-1072.70	5062.03	18530.43	115.09	-27.11	-144.31	-7.50	-12.07		1.70	1.70	.642
		1.5	-1073.43	4584.32	16455.40	112.58	-25.26	-144.31	-7.51	-10.73		1.66	1.66	.600
		5.0	-1074.17	4134.85	14429.15	109.74	-23.46	-144.31	-7.51	-9.43		1.62	1.62	.559
		8.6	-1074.90	3727.65	12450.37	107.17	-21.71	-144.31	-7.52	-8.16		1.58	1.58	.519
		9.1	-1075.03	3347.53	10517.74	104.68	-19.99	-144.31	-7.52	-6.93		1.54	1.54	.480
501- 622	200- 1	0.0	-2.39	360.16	-1577.58	-17.93	-4.28	-232.28	-.06	-9.06		1.62	1.62	.288
		5.1	-2.78	133.71	-809.84	-13.71	-3.12	-232.28	-.07	-3.49		1.39	1.39	.113
		10.2	-3.19	-22.19	105.66	-9.69	-1.97	-232.28	-.08	-.60		1.17	1.17	.022
		15.3	-3.60	-108.18	561.36	-5.88	-.84	-232.28	-.09	-3.31		.96	.96	.108
		20.4	-4.01	-125.77	829.81	-2.26	.26	-232.28	-.11	-4.70		.77	.77	.152
502- 503	105- 1	0.0	137.22	-12.78	-564.61	-11.37	-.35	99.58	4.55	5.06		1.20	1.20	.318
		3.8	137.22	-13.04	-106.52	-6.80	.34	99.58	4.55	.96		1.03	1.03	.188
		7.6	137.22	18.20	234.72	-2.22	1.03	99.58	4.55	2.11		.86	.86	.224
		11.4	137.22	80.95	458.90	2.64	1.73	99.58	4.55	4.17		.71	.71	.290
		15.1	137.22	175.20	566.02	1.07	2.42	99.58	4.55	5.31		.62	.62	.325
502- 504	105- 1	0.0	-10.09	-106.56	5.75	1.24	.41	48.39	-.85	-3.57		1.03	1.03	.147
		3.8	-10.07	-82.11	-31.21	.38	.67	48.39	-.85	-2.94		.94	.94	.127
		7.6	-10.06	-46.03	-29.25	-.47	.92	48.39	-.84	-1.82		.98	.98	.092
		11.4	-10.05	1.23	11.27	-1.31	1.16	48.39	-.84	-.38		1.10	1.10	.046
		15.2	-10.05	59.25	89.95	-2.15	1.39	48.39	-.84	-3.60		1.24	1.24	.148
502- 505	105- 1	0.0	-18.42	-114.36	-41.52	-1.37	.46	-46.44	-1.55	-4.07		1.02	1.02	.191
		3.8	-18.40	-87.50	1.28	-.51	.72	-46.44	-1.55	-2.93		.92	.92	.155
		7.6	-18.39	-49.00	4.96	.34	.97	-46.44	-1.54	-1.65		.95	.95	.115
		11.4	-18.39	.68	-29.92	1.19	1.21	-46.44	-1.54	-1.00		1.06	1.06	.095
		15.2	-18.38	61.12	-102.97	2.02	1.44	-46.44	-1.54	-4.00		1.19	1.19	.189
503- 505	105- 1	0.0	114.56	-728.99	-609.11	-2.91	1.80	107.89	3.79	8.51		.66	.66	.400
		3.8	114.55	-631.37	-488.78	-3.28	2.49	107.89	3.79	7.15		.76	.76	.357
		7.6	114.54	-503.13	-310.61	-4.56	3.15	107.89	3.79	5.29		.85	.85	.299
		11.4	114.53	-345.12	-74.60	-5.83	3.80	107.89	3.79	3.16		.94	.94	.232
		15.1	114.52	-156.20	219.25	-7.10	4.43	107.89	3.79	2.42		1.04	1.04	.208
503- 603	105- 1	0.0	-816.02	6052.61	-20787.32	-131.09	-33.80	220.50	-5.71	-13.60		1.96	1.96	.628
		1.5	-816.75	5432.79	-18420.36	-128.58	-31.96	220.50	-5.71	-12.07		1.92	1.92	.579
		5.0	-817.48	4866.22	-16102.19	-125.74	-30.16	220.50	-5.72	-10.57		1.88	1.88	.532
		8.6	-818.21	4352.11	-13831.49	-123.17	-28.40	220.50	-5.72	-9.11		1.84	1.84	.486
		9.1	-818.94	3889.66	-11605.94	-120.68	-26.66	220.50	-5.73	-7.68		1.80	1.80	.441

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	-497.22	-1308.72	334.25	6.68	8.57	126.97	-13.07	-7.56		.93	.93	.703
		5.1	-497.62	-825.65	-13.46	4.78	7.34	126.97	-13.08	-4.62		.82	.82	.620
		10.1	-498.02	-415.20	-249.11	2.99	6.18	126.97	-13.09	-2.71		.72	.72	.567
		15.2	-498.44	-75.15	-578.86	1.30	5.09	126.97	-13.10	-2.16		.63	.63	.551
		20.3	-498.85	204.97	-808.10	-.52	4.07	126.97	-13.11	-2.56		.57	.57	.563
504- 505	105- 1	0.0	28.02	73.58	-86.62	-3.04	-.42	-1.08	2.35	3.80		.53	.53	.202
		5.8	28.02	59.33	12.74	-1.53	-.20	-1.08	2.35	2.03		.24	.24	.146
		7.6	28.02	55.83	34.53	.57	.03	-1.08	2.35	2.19		.08	.08	.151
		11.4	28.02	62.27	-21.25	2.08	.26	-1.08	2.35	2.20		.37	.37	.151
		15.2	28.02	79.25	-154.50	3.78	.49	-1.08	2.35	5.81		.66	.66	.265
504- 506	105- 1	0.0	-308.15	-236.95	-367.15	-5.51	6.52	42.80	-10.21	-3.91		.76	.76	.538
		5.8	-308.16	73.34	-145.52	-4.25	7.12	42.80	-10.21	-1.46		.74	.74	.466
		7.6	-308.16	409.97	19.19	-2.99	7.68	42.80	-10.21	-3.67		.74	.74	.540
		11.4	-308.16	771.25	127.00	-1.75	8.21	42.80	-10.21	-7.00		.75	.75	.644
		15.2	-308.16	1155.58	178.69	-.52	8.69	42.80	-10.21	-10.47		.77	.77	.753
505- 506	105- 1	0.0	88.30	-208.41	-58.51	.41	6.56	-36.25	2.86	1.90		.58	.58	.159
		5.8	88.29	94.51	-28.22	-.85	6.96	-36.25	2.86	.88		.63	.63	.127
		7.6	88.29	423.57	59.17	-2.11	7.52	-36.25	2.86	3.81		.68	.68	.219
		11.4	88.29	777.06	163.26	-3.35	8.04	-36.25	2.86	7.11		.74	.74	.324
		15.2	88.29	1155.85	343.46	-4.58	8.52	-36.25	2.86	10.78		.80	.80	.440
506- 606	JL5- 1	0.0	2115.40	-7185.58	2572.00	18.14	49.63	418.94	14.80	4.79		.87	.87	.655
		1.5	2114.46	-6305.96	2240.93	18.14	46.54	418.94	14.79	4.20		.83	.83	.647
		3.0	2113.93	-5484.00	1909.86	18.14	43.55	418.94	14.79	3.65		.79	.79	.629
		4.6	2113.20	-4716.25	1578.79	18.14	40.60	418.94	14.78	3.12		.75	.75	.612
		6.1	2112.47	-4001.22	1247.72	18.14	37.76	418.94	14.78	2.63		.72	.72	.596
506- 624	200- 1	0.0	506.23	1573.79	1006.17	10.34	-13.65	90.12	13.51	10.46		1.15	1.15	.792
		5.1	505.84	829.32	448.82	8.10	-10.88	90.12	13.30	5.28		.97	.97	.628
		10.1	505.45	252.22	22.81	5.95	-8.14	90.12	13.29	1.42		.78	.78	.506
		15.2	505.07	-159.58	-275.19	3.88	-5.43	90.12	13.28	1.78		.60	.60	.517
		20.2	504.68	-407.58	-450.50	1.91	-2.75	90.12	13.27	3.40		.43	.43	.568
510- 710	P1- 1	0.0	1054.66	4685.43	-9054.96	-5.58	-33.21	239.60	4.77	4.76		.36	.36	.316
		6.3	1049.96	2190.11	-8610.83	-5.58	-32.43	239.60	4.74	4.16		.35	.35	.296
		12.7	1045.76	1965.71	-4393.06	-10.51	-28.96	823.74	4.73	2.25		.47	.47	.235
		19.0	1041.57	-210.57	-3609.22	-10.31	-28.28	823.74	4.71	1.69		.46	.46	.217
		25.3	1037.58	-2355.06	-2825.56	-10.51	-27.60	823.74	4.69	1.71		.46	.46	.217
511- 711	P1- 1	0.0	1106.78	5584.18	8894.04	5.95	-34.47	29.71	5.00	4.91		.37	.37	.329
		6.3	1102.08	2015.21	8441.67	5.95	-36.66	29.71	4.98	4.13		.36	.36	.303
		12.7	1097.86	1913.17	4195.67	10.68	-35.22	-554.43	4.96	2.16		.46	.46	.240
		19.0	1093.79	-738.76	3383.59	10.68	-34.54	-554.43	4.94	1.62		.46	.46	.223
		25.3	1089.70	-3330.69	2571.52	10.68	-33.86	-554.43	4.92	1.97		.45	.45	.233

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	PI- 1	0.0	-2615.51	-6940.67	-363.20	-.29	57.47	336.58	-11.82	-3.25		.60	.60	.522
		6.3	-2620.21	-2540.71	-360.87	-.29	58.26	336.58	-11.84	-1.20		.61	.61	.466
		12.7	-2625.76	-2510.75	-338.54	-.29	55.65	336.58	-11.87	-1.19		.56	.56	.467
		19.0	-2629.84	1594.41	-316.21	-.29	54.33	336.58	-11.88	-.76		.57	.57	.456
		25.3	-2633.93	5751.41	-293.88	-.29	55.01	336.58	-11.90	-2.69		.58	.58	.510
601- 621	JL6- 1	0.0	-1084.35	3142.72	10205.49	82.55	-25.69	451.28	-7.59	-6.72		1.35	1.35	.476
		1.5	-1085.06	2729.09	8721.64	80.09	-24.03	451.28	-7.59	-5.74		1.31	1.31	.445
		3.0	-1085.79	2305.55	7201.71	77.72	-22.40	451.28	-7.60	-4.80		1.27	1.27	.415
		4.6	-1086.51	1911.42	5864.60	75.40	-20.80	451.28	-7.60	-3.89		1.24	1.24	.387
		6.1	-1087.23	1546.11	4529.24	73.15	-19.24	451.28	-7.61	-3.01		1.20	1.20	.359
603- 623	JL6- 1	0.0	-828.23	3642.20	-11269.69	-98.04	-32.80	-392.39	-5.79	-7.44		1.57	1.57	.436
		1.5	-828.96	3058.82	-9503.00	-95.60	-31.14	-392.39	-5.80	-6.27		1.53	1.53	.399
		3.0	-829.69	2505.51	-7780.01	-93.23	-29.51	-392.39	-5.80	-5.13		1.49	1.49	.364
		4.6	-830.42	1981.66	-6099.85	-90.91	-27.91	-392.39	-5.81	-4.03		1.45	1.45	.329
		6.1	-831.14	1486.60	-4461.43	-88.66	-26.35	-392.39	-5.81	-2.95		1.42	1.42	.295
606- 626	JL6- 1	0.0	2112.34	-4001.22	1249.07	18.14	44.61	414.89	14.78	2.63		.80	.80	.596
		1.5	2111.60	-3212.85	918.18	18.14	41.85	414.89	14.77	2.10		.77	.77	.579
		3.0	2110.87	-2474.74	587.28	18.14	39.10	414.89	14.77	1.60		.73	.73	.563
		4.6	2110.14	-1785.75	256.39	18.14	36.44	414.89	14.76	1.13		.70	.70	.548
		6.1	2109.41	-1144.67	-74.50	18.14	33.85	414.89	14.76	.72		.67	.67	.535
621- 651	JL6- 1	0.0	-1087.20	1568.84	4522.17	72.15	-21.13	443.64	-7.61	-3.01		1.19	1.19	.359
		1.5	-1087.89	1204.05	3235.09	68.94	-18.87	443.64	-7.61	-2.17		1.14	1.14	.333
		3.0	-1088.52	880.00	2005.76	65.82	-16.66	443.64	-7.62	-1.38		1.09	1.09	.308
		4.6	-1089.15	595.73	832.73	62.78	-14.51	443.64	-7.62	-.64		1.04	1.04	.285
		6.1	-1089.76	350.26	-285.59	59.82	-12.41	443.64	-7.62	-.28		.99	.99	.275
622- 703	200- 1	0.0	-4.01	-126.16	827.02	-2.27	.21	-241.86	-.11	-4.68		.80	.80	.152
		5.4	-3.98	-91.78	793.54	5.25	.83	-241.86	-.10	-4.47		.85	.85	.145
		10.9	-3.94	-18.00	409.03	8.48	1.42	-241.86	-.10	-2.29		1.13	1.13	.076
		16.3	-3.91	93.19	-309.09	13.47	1.99	-241.86	-.10	-1.81		1.39	1.39	.061
		21.8	-3.89	241.11	-1344.54	18.21	2.54	-241.86	-.10	-7.64		1.64	1.64	.245
623- 653	JL6- 1	0.0	-831.17	1506.95	-4454.58	-87.84	-27.95	-384.90	-5.81	-2.95		1.41	1.41	.295
		1.5	-831.80	1019.59	-2881.28	-84.63	-25.69	-384.90	-5.82	-1.92		1.36	1.36	.263
		3.0	-832.43	570.99	-1305.77	-81.51	-23.49	-384.90	-5.82	-.93		1.31	1.31	.232
		4.6	-833.06	142.16	93.48	-78.46	-21.33	-384.90	-5.83	-.12		1.26	1.26	.207
		6.1	-833.69	-207.67	1498.00	-75.51	-19.24	-384.90	-5.83	-.95		1.21	1.21	.233
624- 701	200- 1	0.0	504.68	-407.33	-450.59	1.61	-2.91	89.90	13.27	3.40		.43	.43	.568
		5.5	504.73	-496.05	-467.29	-1.27	.19	89.90	13.27	3.81		.32	.32	.581
		11.0	504.78	-585.33	-267.12	-4.17	3.15	89.90	13.27	2.69		.53	.53	.546
		16.5	504.82	-43.79	78.57	-6.92	5.99	89.90	13.27	.64		.73	.73	.481
		21.9	504.84	400.75	621.14	-9.55	8.72	89.90	13.27	4.14		.93	.93	.591

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SELTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE PY KIPS	SHEAR FORCE PZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706 200- 1		0.0	-498.85	205.06	-408.05	-.05	5.89	127.23	-13.11	-2.56		.56	.56	.568
		5.5	-498.81	374.26	-322.78	-2.51	1.27	127.23	-13.11	-2.77		.50	.50	.574
		11.0	-494.79	375.49	-90.70	-4.82	-1.22	127.23	-13.11	-2.15		.62	.62	.556
		16.4	-498.77	216.52	308.80	-7.00	-5.60	127.23	-13.11	-2.11		.77	.77	.555
		21.9	-498.74	-95.67	856.33	-9.01	-5.88	127.23	-13.11	-4.71		.92	.92	.629
626- 650 JL6- 1		0.0	2109.47	-1144.67	-75.18	18.14	30.43	414.77	14.76	.72		.63	.63	.535
		1.5	2108.83	-820.39	-406.18	18.14	26.39	414.77	14.75	.47		.58	.58	.527
		3.0	2108.19	-161.01	-737.14	18.14	22.44	414.77	14.75	.48		.53	.53	.527
		4.6	2107.55	193.18	-1068.12	18.14	18.59	414.77	14.74	.68		.49	.49	.534
		6.1	2106.91	497.85	-1399.10	18.14	14.83	414.77	14.74	.93		.46	.46	.541
651- 701 JL6- 1		0.0	-1154.12	228.99	17.83	12.98	-11.94	1277.06	-8.07	-.14		.65	.65	.287
		1.8	-1154.86	-.10	-222.40	9.60	-9.58	1277.06	-8.08	-.14		.59	.59	.287
		3.5	-1155.60	-179.48	-591.66	6.51	-7.27	1277.06	-8.08	-.27		.54	.54	.291
		5.3	-1156.33	-310.50	-491.95	3.12	-5.02	1277.06	-8.09	-.37		.48	.48	.294
		7.1	-1157.08	-393.84	-525.11	.01	-2.83	1277.06	-8.09	-.41		.44	.44	.295
653- 703 JL6- 1		0.0	-802.81	-218.53	1161.16	-28.82	-20.24	-1211.75	-6.18	-.75		.87	.87	.236
		1.8	-803.54	-624.36	1758.61	-25.44	-17.88	-1211.75	-6.18	-1.17		.82	.82	.252
		3.5	-804.28	-980.48	2265.08	-22.15	-15.56	-1211.75	-6.19	-1.55		.76	.76	.264
		5.3	-805.02	-1296.05	2702.55	-18.95	-13.32	-1211.75	-6.19	-1.88		.70	.70	.274
		7.1	-805.76	-1548.54	3072.91	-15.84	-11.13	-1211.75	-6.20	-2.16		.65	.65	.283
656- 706 JL6- 1		0.0	2106.92	497.85	-1399.30	18.14	15.85	414.12	14.74	.93		.45	.45	.541
		1.8	2106.17	747.00	-1785.47	18.14	9.57	414.12	14.73	1.22		.42	.42	.550
		3.5	2105.43	906.02	-2171.65	18.14	5.59	414.12	14.73	1.48		.39	.39	.558
		5.3	2104.69	977.09	-2557.82	18.14	1.31	414.12	14.72	1.72		.38	.38	.566
		7.1	2103.95	962.41	-2944.00	18.14	-2.68	414.12	14.72	1.95		.39	.39	.573
701- 702 137- 1		0.0	57.41	57.02	-20.21	-4.01	-.81	-19.23	2.98	1.07		.59	.59	.137
		4.7	57.41	16.60	131.65	-1.58	-.63	-19.23	2.98	2.34		.33	.33	.177
		9.4	57.41	-15.53	135.66	1.24	-.44	-19.23	2.98	2.40		.31	.31	.180
		14.1	57.41	-55.56	-8.12	3.87	-.26	-19.23	2.98	.61		.57	.57	.123
		18.8	57.41	-42.91	-299.72	6.49	-.08	-19.23	2.98	5.34		.84	.84	.272
701- 704 137- 1		0.0	.25	-27.98	114.01	-1.01	-.37	-3.96	.01	2.07		.15	.15	.066
		4.7	.25	-43.70	154.38	.29	-.19	-3.96	.01	2.49		.07	.07	.079
		9.4	.24	-49.78	81.45	1.59	-.03	-3.96	.01	1.68		.20	.20	.054
		14.1	.23	-46.90	-44.77	2.89	.13	-3.96	.01	1.14		.34	.34	.037
		18.8	.23	-35.71	-244.26	4.20	.27	-3.96	.01	4.35		.47	.47	.138
701- 801 JL7- 1		0.0	-602.20	-804.75	-571.52	22.84	-10.60	440.67	-8.52	-1.25		.99	.99	.346
		7.1	-603.67	-1371.66	-2036.86	11.77	-2.99	440.67	-8.54	-3.13		.62	.62	.398
		14.2	-605.17	-1334.00	-2609.19	1.84	5.90	440.67	-8.56	-3.73		.40	.40	.415
		21.3	-606.65	-751.08	-2375.54	-7.10	10.15	440.67	-8.58	-3.16		.63	.63	.401
		28.4	-608.13	376.77	-1424.05	-15.16	15.82	440.67	-8.60	-1.87		.90	.90	.366

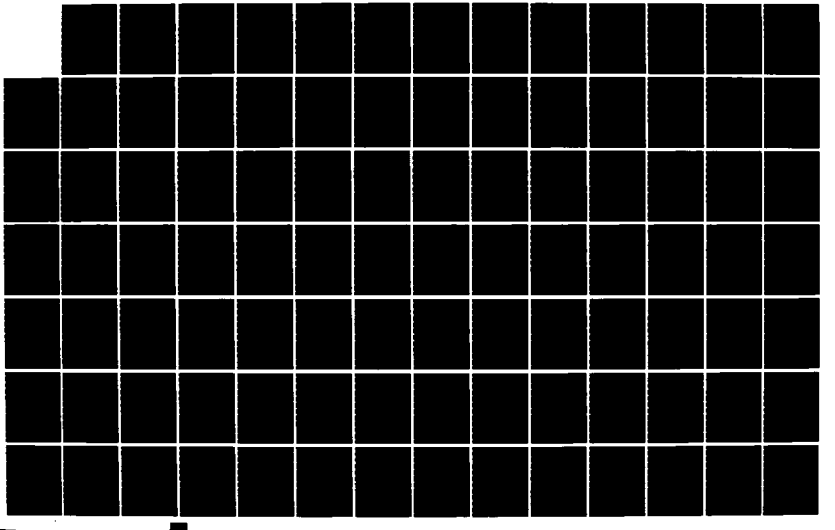
STRAN MEMBER DETAIL REPORT

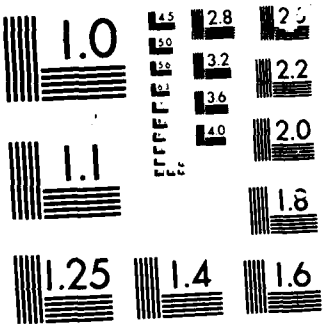
LOAD CONDITION NO. 11 — DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 606 200- 1		0.0	-442.50	-860.55	-463.76	-7.59	8.66	3.91	-11.63	-5.47		.62	.62	.739
		12.5	-442.45	123.76	333.46	-3.08	4.48	3.91	-11.63	-1.99		.30	.30	.607
		25.1	-442.37	505.20	483.77	1.01	.64	3.91	-11.63	-3.91		.07	.07	.680
		37.6	-442.23	529.25	50.56	4.68	-2.93	3.91	-11.62	-1.86		.30	.30	.602
		50.2	-442.12	-361.26	-905.16	7.96	-6.20	3.91	-11.62	-5.45		.54	.54	.737
702- 703 157- 1		0.0	56.71	-36.49	-315.85	-6.68	.01	8.25	2.95	5.61		.79	.79	.260
		4.7	56.71	-52.53	-2.29	-4.26	.20	8.25	2.95	.57		.52	.52	.121
		9.4	56.71	-16.27	163.46	-1.83	.38	8.25	2.95	2.90		.25	.25	.194
		14.1	56.71	10.28	181.40	.99	.56	8.25	2.95	3.20		.19	.19	.204
		18.8	56.71	47.12	51.52	3.82	.75	8.25	2.95	1.23		.46	.46	.141
702- 704 107- 1		0.0	-9.69	-10.19	96.42	2.39	-.05	6.28	-.81	-3.24		.51	.51	.138
		4.7	-9.66	-10.65	-5.97	1.25	.03	6.28	-.81	-.41		.32	.32	.048
		9.4	-9.58	-8.50	-44.55	.12	.11	6.28	-.81	-1.51		.13	.13	.083
		14.1	-9.67	1.61	-19.34	-1.02	.18	6.28	-.81	-.65		.26	.28	.056
		18.8	-9.67	13.02	69.68	-2.15	.23	6.28	-.81	-2.37		.47	.47	.110
702- 705 107- 1		0.0	-8.46	-15.47	-80.28	-2.29	-.04	-4.23	-.71	-2.73		.45	.45	.117
		4.7	-8.46	-15.15	16.47	-1.15	.05	-4.23	-.71	-.75		.26	.26	.054
		9.4	-8.45	-10.23	49.42	-.02	.12	-4.23	-.71	-1.69		.09	.09	.084
		14.1	-8.45	-1.34	18.56	1.12	.19	-4.23	-.71	-.62		.26	.26	.050
		18.8	-8.44	10.84	-76.08	2.25	.24	-4.23	-.71	-2.57		.45	.45	.112
703- 705 157- 1		0.0	-31.50	-15.07	-197.15	.42	-.38	4.68	-1.64	-3.49		.10	.10	.192
		4.7	-31.50	-31.57	-184.37	-.88	-.21	4.68	-1.64	-3.30		.14	.14	.186
		9.4	-31.51	-38.45	-98.30	-2.18	-.04	4.68	-1.64	-1.86		.27	.27	.141
		14.1	-31.52	-36.35	61.06	-3.48	.11	4.68	-1.64	-1.25		.40	.40	.121
		18.8	-31.52	-25.94	293.71	-4.79	.25	4.68	-1.64	-5.20		.54	.54	.246
703- 801 200- 1		0.0	-16.92	55.73	1481.51	18.68	-1.71	9.13	-.44	-8.29		1.01	1.01	.282
		12.5	-16.88	-153.66	-555.82	8.57	-.53	9.13	-.44	-3.20		.46	.48	.121
		25.1	-16.83	-151.74	-1147.60	-.54	.54	9.13	-.44	-6.46		.07	.07	.224
		37.6	-16.78	23.16	-440.18	-8.72	1.50	9.13	-.44	-2.47		.49	.49	.098
		50.2	-16.70	315.37	1441.03	-16.18	2.37	9.13	-.44	-8.25		.89	.89	.281
703- 803 JL7- 1		0.0	-879.41	-1319.7.	2720.69	-14.45	-10.49	44.01	-12.44	-3.84		.53	.53	.561
		7.1	-860.89	-1883.60	5470.42	-3.37	-2.86	44.01	-12.46	-5.02		.15	.15	.595
		14.2	-852.38	-1850.51	5327.10	6.56	4.01	44.01	-12.48	-4.83		.25	.25	.590
		21.3	-843.87	-1218.37	2380.61	15.51	10.26	44.01	-12.50	-3.40		.55	.55	.551
		28.4	-835.35	-99.28	710.68	23.57	15.93	44.01	-12.53	-.91		.83	.83	.463
[illegible]		[illegible]	18.00	8.71	-162.08	-4.52	-.09	-1.55	1.51	5.43		.79	.79	.228
		4.7	18.00	4.98	28.94	-2.27	-.04	-1.55	1.51	.98		.41	.41	.084
		[illegible]	18.00	3.89	93.57	-.02	.00	-1.55	1.51	3.13		.03	.03	.151
		[illegible]	18.00	5.44	31.05	2.23	.05	-1.55	1.51	1.05		.40	.40	.086
		[illegible]	18.00	9.65	-157.97	4.48	.10	-1.55	1.51	5.29		.78	.78	.220

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR 7/8
COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK
SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1
UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	-19.38	-37.66	-12.52	-1.84	.59	18.78	-1.01	-.70		.37	.37	.072
		4.7	-19.39	-1.08	54.50	-.55	.71	18.78	-1.01	-.96		.26	.26	.081
		9.4	-19.40	41.55	49.62	.72	.80	18.78	-1.01	-1.14		.28	.28	.086
		14.1	-19.41	88.65	-25.66	1.95	.87	18.78	-1.01	-1.63		.39	.39	.102
		18.8	-19.42	136.70	-169.84	3.17	.91	18.78	-1.01	-3.87		.51	.51	.173
705- 706	137- 1	0.0	-50.57	-30.35	59.67	2.39	.59	-14.39	-2.63	-1.18		.38	.38	.169
		4.7	-50.58	6.08	-38.26	1.10	.72	-14.39	-2.63	-.68		.26	.26	.153
		9.4	-50.59	49.76	-64.29	-.17	.81	-14.39	-2.63	-1.43		.21	.21	.177
		14.1	-50.60	97.51	-19.91	-1.41	.87	-14.39	-2.63	-1.75		.30	.30	.187
		18.8	-50.61	147.61	93.41	-2.62	.92	-14.39	-2.63	-3.08		.42	.42	.229
706- 803	200- 1	0.0	460.40	1232.74	-1090.54	-10.95	-10.88	-13.70	12.10	9.21		.85	.85	.711
		12.5	460.51	-35.08	155.54	-5.67	-5.98	-13.70	12.10	.89		.47	.47	.449
		25.1	460.55	-570.55	634.76	-.78	-1.19	-13.70	12.11	4.78		.11	.11	.572
		37.6	460.58	-409.51	409.61	3.74	3.27	-13.70	12.11	3.24		.30	.30	.523
		50.2	460.67	393.09	-466.75	7.84	7.33	-13.70	12.11	3.41		.60	.60	.528
705- 806	201- 1	0.0	1531.94	2229.03	-2061.18	-8.35	18.23	-236.62	21.67	3.66		.72	.72	.875
		7.1	1530.48	3164.77	-1350.37	-8.35	3.97	-236.62	21.65	4.37		.41	.41	.890
		14.2	1529.02	2942.39	-639.57	-8.35	-9.00	-236.62	21.63	3.83		.50	.50	.872
		21.3	1527.56	1062.18	71.24	-8.35	-20.89	-236.62	21.61	2.12		.79	.79	.817
		28.4	1526.13	-589.12	782.05	-8.35	-31.82	-236.62	21.59	1.24		1.08	1.08	.789
710- 810	P2- 1	0.0	1037.56	-2336.99	-2821.52	-10.06	-3.21	904.15	4.13	1.53		.27	.27	.192
		7.1	1032.36	-2575.06	-1965.07	-10.06	-2.35	904.15	4.11	1.35		.27	.27	.185
		14.2	1027.16	-2736.69	-1108.63	-10.06	-1.46	904.15	4.09	1.23		.27	.27	.181
		21.3	1021.96	-2828.10	-252.19	-10.06	-.62	904.15	4.07	1.18		.27	.27	.179
		28.4	1016.76	-2845.87	604.26	-10.06	.25	904.15	4.05	1.21		.27	.27	.179
711- 811	P2- 1	0.0	1089.69	-5342.70	2567.27	10.42	-8.23	61.46	4.34	1.76		.12	.12	.206
		7.1	1084.49	-4006.45	1679.67	10.42	-7.36	61.46	4.32	1.81		.11	.11	.207
		14.2	1079.28	-4596.56	792.08	10.42	-6.50	61.46	4.29	1.94		.11	.11	.211
		21.3	1074.08	-5113.05	-95.52	10.42	-5.63	61.46	4.27	2.13		.11	.11	.216
		28.4	1068.89	-5555.91	-983.11	10.42	-4.77	61.46	4.25	2.35		.10	.10	.222
712- 812	P2- 1	0.0	-2653.88	5751.41	-294.73	-.29	6.43	-301.93	-10.48	-2.40		.11	.11	.453
		7.1	-2659.08	6335.04	-269.72	-.29	7.29	-301.93	-10.50	-2.64		.12	.12	.460
		14.2	-2664.28	6895.58	-244.71	-.29	8.16	-301.93	-10.52	-2.92		.13	.13	.469
		21.3	-2669.48	7425.23	-219.70	-.29	9.02	-301.93	-10.54	-3.22		.13	.13	.478
		28.4	-2674.69	8530.59	-194.69	-.29	9.89	-301.93	-10.56	-3.56		.14	.14	.488
801- 802	148- 1	0.0	58.28	34.96	120.94	-2.82	-.50	-17.10	2.75	1.82		.39	.39	.153
		5.7	58.28	5.75	233.65	-.48	-.36	-17.10	2.75	3.38		.18	.18	.202
		11.4	58.28	-14.16	106.65	1.86	-.22	-17.10	2.75	2.71		.30	.30	.181
		17.1	58.28	-24.63	-20.66	4.19	-.09	-17.10	2.75	.48		.52	.52	.110
		22.8	58.28	-25.80	-306.48	6.53	.05	-17.10	2.75	5.60		.74	.74	.272

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
801- 804 140- 1		0.0	-72.57	-87.43	254.85	-.20	-.07	-14.94	-3.42	-3.90		.13	.13	.293
		5.7	-72.55	-87.59	228.44	.97	.07	-14.94	-3.42	-3.54		.20	.20	.283
		11.4	-72.53	-76.40	121.84	2.15	.20	-14.94	-3.42	-2.10		.31	.31	.246
		17.1	-72.52	-59.86	-64.97	3.32	.34	-14.94	-3.42	-1.28		.42	.42	.221
		22.8	-72.50	-31.97	-331.96	4.49	.48	-14.94	-3.42	-4.83		.53	.53	.316
801- 901 JL6- 1		0.0	-618.37	628.22	-1306.27	9.80	-14.15	-211.33	-8.75	-1.84		.62	.62	.374
		8.1	-620.05	-459.42	-1847.65	1.45	-8.30	-211.33	-8.77	-2.42		.37	.37	.391
		16.2	-621.69	-1006.71	-1814.22	-6.13	-3.03	-211.33	-8.80	-2.42		.33	.33	.391
		24.3	-623.36	-1065.17	-877.75	-13.00	1.75	-211.33	-8.82	-1.61		.51	.51	.370
		32.4	-625.04	-680.51	899.53	-19.32	6.08	-211.33	-8.84	-1.43		.71	.71	.366
801- 903 200- 1		0.0	-11.09	93.44	-1368.18	-14.74	-1.39	-47.14	-.29	-7.67		.91	.91	.257
		14.9	-11.01	-76.20	535.67	-6.66	-.53	-47.14	-.29	-3.02		.48	.48	.110
		29.8	-10.99	-106.88	1058.18	.68	.17	-47.14	-.29	-5.95		.17	.17	.202
		44.7	-10.94	-25.08	331.66	7.35	.75	-47.14	-.29	-1.86		.52	.52	.073
		59.6	-10.85	155.30	-1541.35	13.53	1.23	-47.14	-.29	-8.67		.85	.85	.288
802- 803 140- 1		0.0	58.67	-30.64	-377.94	-6.43	.04	30.52	2.77	5.49		.83	.83	.249
		5.7	58.67	-23.52	-18.11	-4.09	.17	30.52	2.77	.45		.61	.61	.110
		11.4	58.67	-7.05	182.01	-1.76	.31	30.52	2.77	2.64		.39	.39	.179
		17.1	58.67	10.77	222.41	.58	.45	30.52	2.77	3.23		.29	.29	.198
		22.8	58.67	55.95	103.11	2.91	.58	30.52	2.77	1.68		.50	.50	.149
802- 804 100- 1		0.0	-8.17	-24.07	77.89	1.82	.01	9.47	-.69	-2.73		.46	.46	.118
		5.7	-8.17	-21.54	-15.38	.90	.07	9.47	-.69	-.89		.31	.31	.060
		11.4	-8.16	-15.12	-45.82	-.01	.12	9.47	-.69	-1.61		.18	.18	.083
		17.1	-8.16	-4.80	-13.41	-.93	.18	9.47	-.69	-.48		.32	.32	.047
		22.8	-8.15	9.41	81.84	-1.85	.24	9.47	-.68	-2.75		.47	.47	.119
802- 805 100- 1		0.0	-8.91	-18.59	-86.43	-1.85	.01	-11.90	-.75	-2.96		.51	.51	.129
		5.7	-8.91	-16.15	8.56	-.93	.06	-11.90	-.75	-.61		.36	.36	.054
		11.4	-8.91	-9.82	40.71	-.01	.12	-11.90	-.75	-1.40		.22	.22	.079
		17.1	-8.90	.41	10.02	.91	.18	-11.90	-.75	-.34		.35	.35	.046
		22.8	-8.90	14.54	-83.51	1.83	.24	-11.90	-.75	-2.83		.51	.51	.125
803- 805 140- 1		0.0	23.39	-92.43	-234.86	.42	-.11	11.83	1.10	3.65		.13	.13	.158
		5.7	23.41	-95.55	-223.82	-.75	.02	11.83	1.10	3.52		.16	.16	.150
		11.4	23.43	-89.35	-132.57	-1.92	.16	11.83	1.10	2.31		.27	.27	.111
		17.1	23.44	-75.75	58.90	-3.09	.30	11.83	1.11	1.21		.38	.38	.076
		22.8	23.46	-48.82	290.56	-4.27	.43	11.83	1.11	4.26		.49	.49	.173
803- 903 JL6- 1		0.0	-300.59	-884.87	1081.80	-8.24	-7.41	91.70	-5.38	-1.61		.37	.37	.243
		8.1	-302.25	-1097.03	1471.57	.10	-1.57	91.70	-5.41	-2.53		.10	.10	.263
		16.2	-303.91	-988.84	1086.34	7.89	3.76	91.70	-5.43	-1.87		.30	.30	.252
		24.3	-305.58	-591.81	-1.74	14.56	8.48	91.70	-5.45	-.50		.54	.54	.215
		32.4	-307.26	848.55	-1730.84	20.88	12.81	91.70	-5.48	-2.35		.75	.75	.266

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
803- 906	200- 1	0.0	-446.26	-1026.88	334.16	6.04	7.25	30.39	-11.73	-6.05		.60	.60	.864
		14.9	-446.17	-21.16	-405.70	2.51	4.02	30.39	-11.73	-2.27		.35	.35	.692
		29.8	-446.06	419.73	-509.04	-1.09	.93	30.39	-11.73	-3.69		.18	.18	.756
		44.7	-445.98	314.01	-34.46	-4.11	-2.03	30.39	-11.72	-1.80		.34	.34	.670
		59.6	-445.92	-295.79	941.39	-6.80	-4.76	30.39	-11.72	-5.52		.54	.54	.839
804- 805	100- 1	0.0	16.98	16.70	-157.48	-3.60	-.12	2.46	1.43	5.30		.65	.65	.217
		5.7	16.98	12.73	26.80	-1.78	-.06	2.46	1.43	.99		.34	.34	.081
		11.4	16.98	19.65	85.91	.04	-.00	2.46	1.43	2.89		.05	.05	.101
		17.1	16.98	12.48	20.47	1.67	.06	2.46	1.43	.80		.36	.36	.075
		22.8	16.98	16.20	-169.74	3.69	.11	2.46	1.43	5.71		.66	.66	.230
804- 806	148- 1	0.0	-89.74	-46.94	-92.67	-2.65	.85	12.89	-4.23	-1.50		.32	.32	.270
		5.7	-89.77	14.22	21.24	-1.69	.96	12.89	-4.23	-.37		.23	.23	.238
		11.4	-89.79	85.77	57.09	.04	1.07	12.89	-4.23	-1.47		.19	.19	.272
		17.1	-89.74	160.72	17.05	1.15	1.17	12.89	-4.23	-2.34		.25	.25	.303
		22.8	-89.72	244.11	-96.71	2.19	1.26	12.89	-4.23	-3.80		.33	.33	.348
805- 806	148- 1	0.0	5.75	-56.85	37.31	1.81	.78	-25.68	.27	1.01		.36	.36	.041
		5.7	5.76	-.96	-46.55	.85	.91	-25.68	.27	.67		.28	.28	.031
		11.4	5.78	55.29	-52.34	-.48	1.03	-25.68	.27	1.21		.28	.28	.046
		17.1	5.80	138.94	17.76	-1.57	1.13	-25.68	.27	2.03		.35	.35	.073
		22.8	5.81	219.05	101.57	-2.65	1.21	-25.68	.27	3.94		.44	.44	.134
806- 901	200- 1	0.0	455.04	1242.17	1021.69	8.69	-8.62	15.10	11.96	9.00		.69	.69	.700
		14.9	455.11	47.96	-145.51	4.41	-4.75	15.10	11.96	.86		.38	.38	.443
		29.8	455.23	-464.77	-570.87	.39	-1.02	15.10	11.97	4.12		.10	.10	.546
		44.7	455.30	-335.54	-302.05	-3.35	2.41	15.10	11.97	2.53		.26	.26	.495
		59.6	455.38	376.74	605.31	-6.74	5.50	15.10	11.97	3.94		.50	.50	.542
806- 906	JL8- 1	0.0	1020.56	609.95	20.30	-2.21	18.39	312.25	14.44	.78		.72	.72	.526
		8.1	1018.89	1832.06	235.63	-2.21	6.86	312.25	14.41	2.35		.40	.40	.575
		16.2	1017.19	1978.33	450.96	-2.21	-3.74	312.25	14.39	2.58		.32	.32	.581
		24.3	1015.49	1128.06	666.30	-2.21	-13.61	312.25	14.37	1.67		.59	.59	.552
		32.4	1013.81	-655.20	881.63	-2.21	-22.90	312.25	14.34	1.39		.85	.85	.542
810- 910	P2- 1	0.0	1016.75	-2844.81	599.57	-10.24	16.00	-395.98	4.05	1.21		.23	.23	.179
		8.1	1010.81	-1238.98	1595.89	-10.24	17.00	-395.98	4.02	.84		.24	.24	.166
		16.2	1004.86	463.48	2592.20	-10.24	17.99	-395.98	4.00	1.10		.25	.25	.174
		24.3	998.92	2262.56	3588.52	-10.24	18.98	-395.98	3.97	1.77		.25	.25	.194
		32.4	992.98	4156.27	4584.83	-10.24	19.97	-395.98	3.95	2.58		.26	.26	.219
811- 911	P2- 1	0.0	1065.85	-5557.01	-976.82	10.60	33.46	386.49	4.25	2.35		.36	.36	.222
		8.1	1062.91	-2251.90	-2008.10	10.60	34.45	386.49	4.23	1.20		.37	.37	.187
		16.2	1059.97	1149.64	-3039.38	10.60	35.45	386.49	4.21	1.35		.37	.37	.199
		24.3	1057.02	4648.20	-4070.66	10.60	36.44	386.49	4.18	2.57		.38	.38	.227
		32.4	1045.08	8245.19	-5101.94	10.60	37.43	386.49	4.16	4.04		.39	.39	.272

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	P2- 1	0.0	-2654.61	8530.59	-193.59	-.29	-52.82	586.00	-10.56	-3.56		.54	.54	.493
		8.1	-2660.55	3457.90	-165.01	-.29	-51.63	586.00	-10.59	-1.43		.53	.53	.435
		16.2	-2666.50	-1550.25	-136.42	-.29	-50.84	586.00	-10.61	-.65		.53	.53	.414
		24.3	-2672.44	-6457.87	-107.84	-.29	-49.65	586.00	-10.63	-2.69		.52	.52	.472
		32.4	-2678.38	-11260.94	-79.25	-.29	-48.85	586.00	-10.66	-4.69		.51	.51	.529
901- 902	169- 1	0.0	-31.35	37.60	134.95	-2.86	.36	-31.53	-1.29	-1.53		.41	.41	.120
		6.9	-31.35	10.48	277.24	-.60	-.28	-31.53	-1.29	-3.03		.23	.23	.167
		13.7	-31.35	-8.75	233.57	1.66	-.19	-31.53	-1.29	-2.55		.31	.31	.152
		20.6	-31.35	-20.08	3.77	3.92	-.09	-31.53	-1.29	-.22		.49	.49	.079
		27.4	-31.35	-23.52	-412.12	6.19	.01	-31.53	-1.29	-4.51		.66	.66	.214
901- 904	169- 1	0.0	-140.05	-176.89	292.55	-.13	.33	-12.19	-5.75	-5.74		.10	.10	.436
		6.9	-140.04	-145.85	257.66	.97	.42	-12.19	-5.75	-3.24		.15	.15	.419
		13.7	-140.04	-108.52	132.28	2.08	.49	-12.19	-5.75	-1.87		.24	.24	.340
		20.6	-140.03	-65.75	-84.18	3.18	.54	-12.19	-5.75	-1.17		.33	.33	.357
		27.4	-140.03	-19.47	-391.53	4.29	.58	-12.19	-5.75	-4.28		.42	.42	.443
901-1001	JL9- 1	0.0	-82.16	-1096.40	708.48	12.32	-2.90	-276.56	-.88	-1.66		.53	.53	.085
		8.1	-83.87	-1184.10	-203.05	6.48	1.05	-276.56	-.90	-1.53		.36	.36	.082
		16.2	-85.55	-903.40	-567.93	1.08	4.67	-276.56	-.93	-1.36		.31	.31	.077
		24.3	-87.22	-264.96	-426.27	-3.95	7.99	-276.56	-.95	-.65		.43	.43	.056
		32.4	-88.88	641.59	100.90	-8.87	11.01	-276.56	-.97	-.85		.57	.57	.063
901-1002	160- 1	0.0	5.12	50.91	-403.57	-6.78	-.49	-16.59	.19	3.46		.57	.57	.116
		10.6	5.28	-12.15	220.65	-3.11	-.21	-16.59	.19	1.89		.31	.31	.066
		21.1	5.43	-26.71	344.05	.54	-.05	-16.59	.20	3.38		.10	.10	.113
		31.7	5.57	-19.87	140.05	3.64	.13	-16.59	.20	1.21		.34	.34	.045
		42.2	5.75	4.37	-521.45	6.78	.24	-16.59	.21	4.46		.57	.57	.148
901-1004	160- 1	0.0	-446.89	-408.91	-90.54	-2.77	4.77	-23.29	-16.25	-3.58		.50	.50	.870
		10.6	-446.55	34.41	163.99	-1.25	2.25	-23.29	-16.24	-1.43		.29	.29	.781
		21.1	-446.41	164.58	228.55	.22	-.18	-23.29	-16.24	-2.41		.12	.12	.821
		31.7	-446.25	-10.99	112.25	1.60	-2.58	-23.29	-16.23	-.96		.32	.32	.761
		42.2	-446.09	-484.91	-174.56	2.93	-4.89	-23.29	-16.23	-4.40		.51	.51	.903
902- 903	169- 1	0.0	-30.43	-22.32	-386.25	-5.66	-.12	29.78	-1.25	-4.23		.64	.64	.203
		6.9	-30.43	-27.66	5.06	-3.60	-.02	29.78	-1.25	-.31		.46	.46	.079
		13.7	-30.43	-25.50	206.32	-1.54	.08	29.78	-1.25	-2.27		.27	.27	.141
		20.6	-30.43	-15.25	223.46	.92	.17	29.78	-1.25	-2.45		.24	.24	.147
		27.4	-30.43	2.89	54.55	5.18	.27	29.78	-1.25	-.60		.43	.43	.088
902- 904	169- 1	0.0	-7.05	-29.21	75.89	1.58	.06	10.64	-.59	-2.72		.44	.44	.117
		6.9	-7.06	-21.31	-20.98	.78	.12	10.64	-.59	-1.00		.31	.31	.063
		13.7	-7.07	-9.14	-52.13	-.02	.17	10.64	-.59	-1.77		.21	.21	.087
		20.6	-7.09	5.76	-17.55	-.82	.19	10.64	-.60	-.62		.32	.32	.051
		27.4	-7.10	22.11	82.76	-1.62	.20	10.64	-.60	-2.86		.45	.45	.122

SINAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	/----SHEAR FORCE----/ FY KIPS	FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									/----------KSI----------/					
902- 905 109- 1		0.0	-8.74	-29.88	-101.76	-1.66	.06	-9.64	-.73	-3.55		.44	.44	.151
		6.9	-8.75	-22.62	2.01	-.88	.12	-9.64	-.74	-.76		.31	.31	.063
		13.7	-8.77	-11.15	40.05	-.96	.16	-9.64	-.74	-1.39		.19	.19	.083
		20.6	-8.78	5.18	12.37	.74	.19	-9.64	-.74	-.43		.29	.29	.052
		27.4	-8.79	18.90	-81.04	1.53	.19	-9.64	-.74	-2.78		.42	.42	.127
903- 905 109- 1		0.0	173.35	-192.24	-205.79	.84	.39	8.11	7.12	3.06		.12	.12	.344
		6.9	173.35	-150.52	-227.55	-.27	.46	8.11	7.12	3.02		.09	.09	.343
		13.7	173.36	-114.35	-160.03	-1.57	.55	8.11	7.12	2.15		.17	.17	.315
		20.6	173.36	-67.06	-1.82	-2.48	.60	8.11	7.12	.73		.25	.25	.270
		27.4	173.37	-18.15	247.27	-3.38	.64	8.11	7.12	2.71		.34	.34	.333
905-1002 180- 1		0.0	-9.47	-3.87	484.02	7.11	-.40	19.25	-.34	-4.14		.60	.60	.148
		10.6	-9.31	-55.08	-161.53	3.44	-.12	19.25	-.34	-1.58		.33	.33	.065
		21.1	-9.16	-57.79	-396.05	-.02	.07	19.25	-.33	-3.40		.09	.09	.122
		31.7	-9.02	-19.10	-183.37	-3.31	.23	19.25	-.33	-1.58		.32	.32	.064
		42.2	-8.88	18.99	436.80	-6.45	.33	19.25	-.32	-3.74		.55	.55	.132
903-1003 JL9- 1		0.0	-66.02	328.08	-1846.56	-15.32	-6.72	477.68	-.93	-2.38		.78	.78	.110
		8.1	-67.71	-130.85	-642.81	-9.49	-2.77	477.68	-.96	-.83		.58	.58	.062
		15.2	-69.39	-221.56	14.12	-4.08	.86	477.68	-.98	-.28		.42	.42	.045
		24.3	-71.08	25.08	164.50	.93	4.17	477.68	-1.01	-.21		.42	.42	.044
		32.4	-72.72	581.25	-158.82	5.07	7.19	477.68	-1.05	-.77		.56	.56	.062
903-1005 180- 1		0.0	-451.49	-559.98	32.42	2.50	5.34	40.67	-16.42	-4.79		.60	.60	.929
		10.6	-451.34	-44.21	-188.12	.98	2.62	40.67	-16.42	-1.65		.39	.39	.798
		21.1	-451.20	156.40	-218.48	-.49	.39	40.67	-16.41	-2.31		.22	.22	.825
		31.7	-451.04	55.26	-68.38	-1.87	-2.01	40.67	-16.41	-.75		.37	.37	.760
		42.2	-450.88	-346.25	252.43	-5.19	-4.31	40.67	-16.40	-3.66		.56	.56	.881
904- 905 109- 1		0.0	15.66	15.26	-155.80	-5.08	-.01	-.85	1.31	5.27		.53	.53	.212
		6.9	15.66	14.46	31.95	-1.51	-.01	-.85	1.31	1.17		.27	.27	.083
		13.7	15.66	13.67	91.01	.07	-.01	-.85	1.31	3.06		.03	.03	.183
		20.6	15.66	12.88	20.37	1.65	-.01	-.85	1.31	.81		.29	.29	.071
		27.4	15.66	12.08	-179.97	3.22	-.01	-.85	1.31	6.03		.56	.56	.236
904- 906 109- 1		0.0	-155.48	-24.51	-151.97	-2.42	.79	25.92	-6.39	-1.68		.35	.35	.405
		6.9	-155.47	41.64	1.46	-1.51	.82	25.92	-6.39	-.46		.27	.27	.373
		13.7	-155.47	110.04	63.94	-.21	.85	25.92	-6.39	-1.39		.21	.21	.405
		20.6	-155.46	180.70	36.12	.68	.87	25.92	-6.38	-2.01		.24	.24	.432
		27.4	-155.43	255.62	-78.79	1.91	.90	25.92	-6.38	-2.90		.32	.32	.464
905- 906 109- 1		0.0	157.02	-21.81	-15.74	1.49	.82	-23.12	6.45	.28		.27	.27	.233
		6.9	157.03	46.79	-90.70	.38	.85	-23.12	6.45	1.12		.20	.20	.259
		13.7	157.03	117.65	-76.72	-.72	.87	-23.12	6.45	1.54		.22	.22	.272
		20.6	157.04	190.76	27.57	-1.80	.90	-23.12	6.45	2.11		.29	.29	.291
		27.4	157.07	266.15	218.94	-2.84	.93	-23.12	6.45	5.77		.37	.37	.343

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	100- 1	0.0	443.67	482.85	369.42	4.17	-4.45	-32.88	16.14	5.20		.58	.58	.725
		10.6	443.87	54.24	-24.70	2.15	-2.33	-32.88	16.15	.53		.37	.37	.577
		21.1	444.04	-111.55	-176.42	.19	-.30	-32.88	16.15	1.79		.17	.17	.617
		31.7	444.20	-27.14	-80.03	-1.71	1.62	-32.88	16.16	.72		.31	.31	.584
		42.2	444.35	294.87	253.19	-3.54	3.45	-32.88	16.16	3.32		.50	.50	.666
906-1005	100- 1	0.0	450.90	356.95	-390.26	-4.25	-3.94	3.43	16.40	4.52		.44	.44	.712
		10.6	451.09	-7.09	19.24	-2.23	-1.82	3.43	16.41	.18		.22	.22	.575
		21.1	451.27	-108.31	176.84	-.27	.21	3.43	16.42	1.77		.04	.04	.626
		31.7	451.43	40.67	90.32	1.63	2.13	3.43	16.42	.85		.21	.21	.597
		42.2	451.57	427.25	-232.53	3.46	3.96	3.43	16.43	4.16		.40	.40	.702
906-1006	JL9- 1	0.0	125.48	337.58	1279.63	3.33	13.35	-25.18	1.78	1.68		.41	.41	.115
		5.1	123.81	1204.13	955.32	3.33	4.82	-25.18	1.75	1.95		.17	.17	.123
		10.2	122.12	1229.05	631.01	3.33	-3.93	-25.18	1.73	1.76		.16	.16	.115
		24.3	120.43	487.02	305.70	3.33	-12.12	-25.18	1.70	.69		.37	.37	.081
		32.4	118.77	-1124.73	-17.62	3.33	-20.15	-25.18	1.68	1.43		.59	.59	.104
1010-910	P3- 1	0.0	965.12	-33764.85	-8564.02	-10.23	95.09	-735.37	3.26	12.56		.78	.78	.510
		8.1	972.11	-24453.26	-7568.16	-10.23	96.26	-735.37	3.29	9.23		.79	.79	.406
		16.2	979.10	-15028.19	-6572.30	-10.23	97.42	-735.37	3.31	5.91		.80	.80	.302
		24.3	986.10	-5489.65	-5576.43	-10.23	98.59	-735.37	3.34	2.62		.80	.80	.205
		32.4	993.09	4162.56	-4580.57	-10.23	99.76	-735.37	3.36	2.23		.81	.81	.187
1011-911	P3- 1	0.0	1017.25	-35020.34	9224.21	10.01	106.81	1310.68	3.44	13.06		.98	.98	.532
		8.1	1024.24	-24373.56	8191.50	10.01	109.98	1310.68	3.46	9.27		.98	.98	.413
		16.2	1031.23	-13613.30	7158.79	10.01	111.14	1310.68	3.49	5.55		.99	.99	.296
		24.3	1038.22	-2739.58	6126.07	10.01	112.31	1310.68	3.51	2.42		1.00	1.00	.198
		32.4	1045.21	8247.65	5093.36	10.01	113.47	1310.68	3.54	3.50		1.01	1.01	.233
1012-912	P3- 1	0.0	-2706.61	62812.18	-34.52	-.29	-192.60	71.13	-9.15	-22.65		1.32	1.32	1.033
		8.1	-2699.61	44123.56	-5.94	-.29	-191.43	71.13	-9.13	-15.91		1.31	1.31	.819
		16.2	-2692.62	25548.50	22.65	-.29	-190.27	71.13	-9.11	-9.21		1.30	1.30	.607
		24.3	-2685.63	7087.09	51.25	-.29	-189.10	71.13	-9.08	-2.56		1.29	1.29	.410
		32.4	-2678.64	-11260.94	79.82	-.29	-187.93	71.13	-9.06	-4.06		1.28	1.28	.451
1001-1002	200- 1	0.0	243.85	-135.74	138.61	-3.57	.51	74.71	6.41	1.09		.40	.40	.257
		8.0	243.85	-90.25	358.39	-1.00	.43	74.71	6.41	2.07		.27	.27	.288
		16.0	243.85	-52.46	531.79	1.56	.35	74.71	6.41	1.88		.29	.29	.282
		24.0	243.85	-22.37	58.82	4.12	.27	74.71	6.41	.35		.43	.43	.234
		32.0	243.85	.02	-460.55	6.68	.19	74.71	6.41	2.56		.56	.56	.304
1001-1004	200- 1	0.0	219.58	-625.80	513.16	.03	2.45	112.72	5.77	4.53		.44	.44	.343
		8.0	219.59	-393.82	448.20	1.32	2.37	112.72	5.77	3.34		.46	.46	.306
		16.0	219.59	-164.55	254.08	2.61	2.29	112.72	5.77	1.75		.50	.50	.255
		24.0	219.60	47.05	-54.21	3.90	2.21	112.72	5.77	.40		.55	.55	.215
		32.0	219.61	255.93	-491.65	5.20	2.13	112.72	5.77	3.10		.61	.61	.298

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 11

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	253.11	3.62	-501.08	-6.74	-.16	-141.34	6.65	2.80		.75	.75	.320
		8.0	253.11	-15.71	23.55	-4.18	-.24	-141.34	6.65	.16		.62	.62	.256
		16.0	253.11	-42.74	501.51	-1.61	-.32	-141.34	6.65	1.71		.48	.48	.285
		24.0	253.11	-77.47	353.59	.95	-.40	-141.34	6.65	1.92		.45	.45	.292
		32.0	253.11	-119.90	119.20	3.51	-.48	-141.34	6.65	.95		.58	.58	.261
1002-1004	140- 1	0.0	-16.45	-271.42	94.40	1.73	1.48	36.47	-1.02	-5.40		.63	.63	.215
		8.0	-16.46	-134.55	-26.71	.79	1.37	36.47	-1.03	-2.58		.54	.54	.126
		16.0	-16.48	-8.46	-58.03	-.14	1.26	36.47	-1.03	-1.10		.50	.50	.090
		24.0	-16.49	106.80	.44	-1.08	1.14	36.47	-1.03	-2.01		.54	.54	.109
		32.0	-16.51	211.59	148.70	-2.01	1.03	36.47	-1.03	-4.85		.62	.62	.198
1002-1005	140- 1	0.0	-16.11	-305.77	-109.57	-1.79	1.59	-30.50	-1.00	-6.10		.58	.58	.237
		8.0	-16.12	-158.36	17.23	-.65	1.48	-30.50	-1.00	-2.99		.50	.50	.139
		16.0	-16.14	-21.73	54.25	.98	1.37	-30.50	-1.01	-1.10		.46	.46	.079
		24.0	-16.15	104.12	1.48	1.02	1.25	-30.50	-1.01	-1.96		.49	.49	.106
		32.0	-16.17	219.19	-141.07	1.95	1.14	-30.50	-1.01	-4.89		.57	.57	.199
1003-1005	200- 1	0.0	234.60	-651.14	-407.14	.15	2.88	-80.91	6.17	4.39		.38	.38	.353
		8.0	234.60	-356.40	-419.25	-1.14	2.80	-80.91	6.17	3.09		.39	.39	.312
		16.0	234.61	-93.37	-247.21	-2.44	2.72	-80.91	6.17	1.48		.42	.42	.261
		24.0	234.62	165.97	49.00	-3.75	2.64	-80.91	6.17	.96		.47	.47	.244
		32.0	234.62	413.00	469.38	-5.02	2.56	-80.91	6.17	3.50		.52	.52	.325
1004-1005	140- 1	0.0	32.89	14.20	-243.69	-3.69	.34	-6.21	2.05	4.58		.52	.52	.216
		8.0	32.89	41.22	22.01	-1.64	.22	-6.21	2.05	.88		.29	.29	.099
		16.0	32.89	57.40	110.62	-.00	.11	-6.21	2.05	2.34		.07	.07	.145
		24.0	32.89	62.81	22.15	1.64	.00	-6.21	2.05	1.25		.29	.29	.111
		32.0	32.89	57.44	-243.41	3.68	-.11	-6.21	2.05	4.70		.52	.52	.219
1004-1006	200- 1	0.0	-394.58	-450.06	-5.41	-1.54	3.20	-5.31	-10.37	-2.52		.20	.20	.663
		8.0	-394.58	-146.61	61.16	-.26	3.12	-5.31	-10.37	-.94		.18	.18	.587
		16.0	-394.59	144.14	45.24	1.01	3.04	-5.31	-10.37	-.87		.18	.18	.586
		24.0	-394.61	437.20	-111.51	2.25	2.96	-5.31	-10.37	-2.52		.21	.21	.661
		32.0	-394.64	717.55	-367.43	3.48	2.88	-5.31	-10.37	-4.56		.25	.25	.781
1005-1006	200- 1	0.0	-387.07	-302.92	64.46	2.03	2.82	49.48	-10.17	-1.73		.32	.32	.614
		8.0	-387.07	-35.62	-69.12	.75	2.74	49.48	-10.17	-.44		.29	.29	.551
		16.0	-387.08	225.47	-80.21	-.52	2.66	49.48	-10.17	-1.35		.28	.28	.595
		24.0	-387.10	475.87	29.53	-1.76	2.58	49.48	-10.18	-2.67		.30	.30	.658
		32.0	-387.13	720.06	258.43	-2.99	2.50	49.48	-10.18	-4.28		.34	.34	.728

S T R U C T U R A L M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 12

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SELN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102 W10- 1		0.0	-5.76	419.37	-73.05	-.59	-7.09	.01	-.36	4.71	-6.81	.07	1.10	.400
		3.6	-5.76	148.24	-47.50	-.59	-5.37	.01	-.36	1.66	-4.43	.07	.83	.221
		7.3	-5.76	-47.99	-21.95	-.59	-3.65	.01	-.36	-.54	-2.05	.07	.57	.103
		10.9	-5.76	-169.31	3.60	-.59	-1.93	.01	-.36	-1.90	.34	.07	.30	.087
		14.5	-5.76	-215.74	29.10	-.59	-.21	.01	-.36	-2.42	2.72	.07	.03	.106
101- 104 W10- 1		0.0	-4.97	417.69	-74.66	-.61	-7.21	-.01	-.31	4.69	-6.96	.07	1.12	.403
		3.6	-4.97	141.67	-48.04	-.61	-5.49	-.01	-.31	1.59	-4.48	.07	.85	.219
		7.2	-4.97	-59.32	-21.42	-.61	-3.77	-.01	-.31	-.67	-2.00	.07	.58	.103
		10.9	-4.97	-185.67	5.21	-.61	-2.05	-.01	-.31	-2.08	.49	.07	.32	.096
		14.5	-4.97	-237.19	31.43	-.61	-.32	-.01	-.31	-2.66	2.97	.07	.05	.200
101- 201 BRL- 1		0.0	-19.50	-351.66	626.42	8.78	5.41	-147.71	-.21	-1.13		.32	.32	.043
		3.8	-20.48	-208.40	233.35	8.78	5.41	-147.71	-.22	-.49		.32	.32	.024
		7.5	-21.63	-54.94	-161.72	8.78	5.41	-147.71	-.24	.27		.32	.32	.017
		11.3	-22.79	98.51	-556.79	8.78	5.41	-147.71	-.25	-.88		.32	.32	.037
		15.0	-23.95	251.97	-951.86	8.78	5.41	-147.71	-.26	-1.54		.32	.32	.058
102- 103 W10- 1		0.0	-6.41	-214.55	21.47	.29	.15	-.02	-.40	-2.41	2.00	.03	.02	.162
		3.6	-6.41	-170.68	8.79	.29	1.87	-.02	-.40	-1.92	.82	.03	.29	.106
		7.3	-6.41	-51.91	-5.88	.29	3.59	-.02	-.40	-.56	-.36	.03	.56	.048
		10.9	-6.41	141.77	-16.55	.29	5.31	-.02	-.40	1.59	-1.58	.03	.83	.120
		14.5	-6.41	410.34	-29.23	.29	7.04	-.02	-.40	4.60	-2.73	.03	1.09	.257
102- 104 W06- 1		0.0	-.11	1.21	6.10	.07	-.18	.00	-.02	.06	1.09	.01	.09	.041
		3.6	-.11	-4.56	3.17	.07	-.09	.00	-.02	-.22	.57	.01	.05	.028
		7.2	-.11	-8.54	.24	.07	-.00	.00	-.02	-.31	.04	.01	.00	.012
		10.9	-.11	-4.74	-2.66	.07	.08	.00	-.02	-.23	-.48	.01	.04	.025
		14.5	-.11	.65	-5.61	.07	.17	.00	-.02	.04	-1.00	.01	.09	.037
102- 105 W06- 1		0.0	1.08	-1.17	1.59	-.01	-.18	.00	.15	-.06	.28	.00	.09	.017
		3.6	1.08	-7.01	2.01	-.01	-.09	.00	.15	-.34	.36	.00	.05	.028
		7.2	1.08	-9.06	2.43	-.01	-.00	.00	.15	-.48	.43	.00	.00	.038
		10.9	1.08	-7.34	2.84	-.01	.08	.00	.15	-.35	.51	.00	.04	.034
		14.5	1.08	-1.85	3.26	-.01	.17	.00	.15	-.09	.58	.00	.09	.028
103- 105 W10- 1		0.0	-7.03	407.80	19.44	.12	-7.02	.02	-.43	4.56	1.81	.01	1.09	.226
		3.6	-7.03	140.16	14.34	.12	-5.29	.02	-.43	1.57	1.34	.01	.82	.114
		7.2	-7.03	-52.65	9.24	.12	-3.57	.02	-.43	-.59	.86	.01	.56	.067
		10.9	-7.03	-170.62	4.14	.12	-1.85	.02	-.43	-1.91	.39	.01	.29	.092
		14.5	-7.03	-215.76	-.96	.12	-.13	.02	-.43	-2.40	-.09	.01	.02	.097
103- 203 BRL- 1		0.0	-19.05	-353.12	-614.35	-10.03	5.74	48.66	-.21	-1.11		.29	.29	.043
		3.8	-20.21	-94.84	-165.08	-10.03	5.74	48.66	-.22	-.30		.29	.29	.017
		7.5	-21.36	163.45	284.25	-10.03	5.74	48.66	-.23	.52		.29	.29	.025
		11.3	-22.50	421.74	739.52	-10.03	5.74	48.66	-.25	-1.33		.29	.29	.051
		15.0	-23.70	680.03	1190.81	-10.03	5.74	48.66	-.26	-2.15		.29	.29	.077

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ALMN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
104- 105 A08- 1		0.0	-.98	-.89	.59	-.02	-.16	-.00	-.14	-.04	.11	.00	.08	.018
		5.6	-.98	-5.90	1.39	-.02	-.07	-.00	-.14	-.28	.25	.00	.04	.026
		7.3	-.98	-7.13	2.18	-.02	.02	-.00	-.14	-.34	.39	.00	.01	.033
		10.9	-.98	-4.57	2.97	-.02	.10	-.00	-.14	-.22	.53	.00	.05	.034
		14.5	-.98	1.77	3.77	-.02	.19	-.00	-.14	.09	.67	.00	.10	.035
104- 106 A16- 1		0.0	-4.49	-236.52	25.62	.38	.01	.02	-.28	-2.65	2.39	.04	.00	.178
		5.6	-4.49	-190.61	9.21	.38	1.75	.02	-.28	-2.23	.86	.04	.27	.112
		7.3	-4.49	-85.96	-7.21	.38	3.45	.02	-.28	-.96	-.67	.04	.54	.065
		10.9	-4.49	101.61	-25.53	.38	5.17	.02	-.28	1.14	-2.20	.04	.80	.124
		14.5	-4.49	370.24	-40.05	.38	11.89	.02	-.28	4.15	-3.74	.04	1.85	.273
105- 106 A16- 1		0.0	-5.98	-215.57	6.07	.21	.25	.00	-.37	-2.42	.57	.02	.04	.112
		5.6	-5.98	-168.20	-2.98	.21	1.95	.00	-.37	-1.89	-.28	.02	.30	.085
		7.3	-5.98	-85.91	-12.05	.21	3.67	.00	-.37	-.52	-1.12	.02	.57	.071
		10.9	-5.98	151.50	-21.07	.21	5.39	.00	-.37	1.70	-1.97	.02	.84	.137
		14.5	-5.98	423.44	-30.12	.21	7.12	.00	-.37	4.75	-2.81	.02	1.10	.263
106- 206 DAL- 1		0.0	-22.04	702.64	-30.15	2.68	-5.44	75.62	-.24	-1.10		.19	.19	.083
		5.8	-23.20	457.63	-150.54	2.68	-5.44	75.62	-.25	-.75		.19	.19	.033
		7.5	-24.37	212.63	-270.92	2.68	-5.44	75.62	-.27	-.54		.19	.19	.027
		11.3	-25.53	-52.38	-391.31	2.68	-5.44	75.62	-.28	-.61		.19	.19	.030
		15.0	-26.69	-277.58	-511.70	2.68	-5.44	75.62	-.29	-.91		.19	.19	.039
201- 202 A16- 1		0.0	-14.66	542.62	-78.10	-.63	-10.21	.05	-.91	6.65	-7.29	.07	1.59	.501
		5.6	-14.66	202.59	-50.59	-.63	-7.73	.05	-.91	2.27	-4.72	.07	1.20	.274
		7.3	-14.66	-79.63	-23.07	-.63	-5.25	.05	-.91	-.90	-2.15	.07	.82	.141
		10.9	-14.66	-254.05	4.45	-.63	-2.78	.05	-.91	-2.85	.42	.07	.43	.142
		14.5	-14.66	-520.21	31.97	-.63	-.28	.05	-.91	-3.59	2.98	.07	.05	.255
201- 204 A16- 1		0.0	29.80	561.28	-79.76	-.67	-9.98	-.05	1.84	6.30	-7.44	.08	1.55	.521
		5.6	29.80	181.42	-50.82	-.67	-7.50	-.05	1.84	2.04	-4.74	.08	1.16	.293
		7.2	29.80	-90.52	-21.88	-.67	-5.01	-.05	1.84	-1.02	-2.04	.08	.78	.167
		10.9	29.80	-254.54	7.06	-.67	-2.53	-.05	1.84	-2.86	.66	.08	.39	.177
		14.5	29.80	-510.84	36.00	-.67	-.05	-.05	1.84	-3.49	3.36	.08	.01	.291
201- 301 DAL- 1		0.0	-55.10	-203.20	-57.44	-3.62	-27.62	-736.22	-.60	-.33		1.19	1.19	.032
		5.8	-56.27	-1446.12	105.36	-3.62	-27.62	-736.22	-.62	-2.27		1.19	1.19	.094
		7.5	-57.43	-2689.04	268.21	-3.62	-27.62	-736.22	-.63	-4.23		1.19	1.19	.156
		11.3	-58.59	-3928.52	433.00	-4.01	-26.93	-736.22	-.64	-6.18		1.17	1.17	.218
		15.0	-59.75	-5051.90	604.81	-6.48	-22.66	-736.22	-.66	-7.97		1.09	1.09	.275
201- 303 120- 1		0.0	13.19	50.31	-241.52	-.55	-.91	-9.64	.69	4.35		.20	.20	.161
		8.2	12.95	-15.02	-187.29	-.55	-.44	-9.64	.67	3.31		.16	.16	.128
		16.3	12.71	-35.34	-133.06	-.55	.03	-9.64	.66	2.43		.14	.14	.100
		24.5	12.46	-8.96	-78.43	-.55	.51	-9.64	.65	1.40		.16	.16	.067
		32.6	12.22	60.34	-11.20	-1.08	.65	-9.64	.64	1.08		.29	.29	.056

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
202- 203 W10- 1		0.0	-15.39	-550.87	22.94	.51	.15	-.04	-.95	-3.71	2.14	.04	.02	.232
		5.6	-15.39	-271.02	9.56	.51	2.62	-.04	-.95	-3.04	.89	.04	.41	.167
		7.3	-15.39	-103.15	-3.82	.51	5.10	-.04	-.95	-1.16	-.36	.04	.79	.089
		10.9	-15.39	172.74	-17.21	.51	7.58	-.04	-.95	1.94	-1.61	.04	1.18	.157
		14.5	-15.39	556.64	-30.59	.51	10.07	-.04	-.95	6.25	-2.85	.04	1.56	.336
202- 204 W08- 1		0.0	-.16	-10.59	7.00	.07	-.17	.00	-.02	-.51	1.25	.01	.09	.061
		5.6	-.16	-16.28	5.77	.07	-.09	.00	-.02	-.78	.67	.01	.05	.050
		7.2	-.16	-18.14	.54	.07	-.00	.00	-.02	-.87	.10	.01	.00	.032
		10.9	-.16	-16.32	-2.68	.07	.09	.00	-.02	-.78	-.48	.01	.04	.043
		14.5	-.16	-10.07	-5.91	.07	.17	.00	-.02	-.51	-1.06	.01	.09	.054
202- 205 W08- 1		0.0	1.20	10.70	2.03	-.01	-.24	-.02	.17	.51	.36	.00	.12	.035
		5.6	1.20	2.18	2.49	-.01	-.15	-.02	.17	.10	.44	.00	.08	.025
		7.2	1.20	-2.60	2.94	-.01	-.07	-.02	.17	-.13	.53	.01	.04	.028
		10.9	1.20	-5.58	3.40	-.01	.02	-.02	.17	-.17	.61	.01	.02	.033
		14.5	1.20	-.78	3.85	-.01	.11	-.02	.17	-.04	.69	.01	.06	.031
203- 205 W10- 1		0.0	-28.59	1256.25	20.04	.11	-22.36	-.07	-1.76	14.10	1.87	.01	5.47	.564
		5.6	-28.59	406.53	15.10	.11	-16.75	-.07	-1.76	4.56	1.42	.01	2.60	.267
		7.2	-28.59	-194.21	10.35	.11	-11.09	-.07	-1.76	-2.22	.96	.01	1.72	.178
		10.9	-28.59	-557.96	5.47	.11	-5.46	-.07	-1.76	-6.26	.51	.01	.85	.290
		14.5	-28.59	-672.75	.62	.11	.18	-.07	-1.76	-7.55	.06	.01	.03	.314
203- 303 UAL- 1		0.0	-107.04	-531.43	-176.91	.05	-40.55	232.89	-1.17	-.88		1.07	1.07	.070
		5.8	-108.20	-2355.98	-179.01	.05	-40.55	232.89	-1.19	-5.70		1.07	1.07	.160
		7.5	-109.36	-4180.52	-181.11	.05	-40.55	232.89	-1.20	-6.55		1.07	1.07	.250
		11.3	-110.53	-8005.07	-183.22	.05	-40.55	232.89	-1.21	-9.40		1.07	1.07	.341
		15.0	-111.69	-7027.64	-184.18	-.29	-39.96	232.89	-1.23	-12.25		1.06	1.06	.431
203- 306 120- 1		0.0	92.48	196.41	102.47	.82	-2.16	24.27	4.81	4.53		.45	.45	.310
		8.2	92.23	9.79	82.76	.82	-1.69	24.27	4.79	1.47		.41	.41	.213
		16.3	91.99	-152.69	2.59	.82	-1.22	24.27	4.78	2.34		.37	.37	.240
		24.5	91.75	-210.53	-77.75	.83	.56	24.27	4.77	3.96		.32	.32	.291
		32.8	91.51	134.91	-159.54	.83	6.84	24.27	4.76	3.68		.93	.93	.281
204- 205 W08- 1		0.0	-1.05	10.69	-.16	-.03	-.23	.01	-.15	.51	-.03	.01	.12	.027
		5.6	-1.05	2.45	1.12	-.03	-.15	.01	-.15	.12	.20	.01	.08	.020
		7.3	-1.05	-2.05	2.40	-.03	-.06	.01	-.15	-.10	.43	.01	.04	.028
		10.9	-1.05	-2.75	3.66	-.03	.03	.01	-.15	-.13	.66	.01	.02	.036
		14.5	-1.05	.34	4.96	-.03	.11	.01	-.15	.02	.89	.01	.07	.041
204- 206 W10- 1		0.0	30.28	-521.32	30.26	.44	.36	.06	1.87	-5.61	2.82	.05	.06	.277
		5.6	30.28	-251.75	11.15	.44	2.84	.06	1.87	-2.83	1.04	.05	.44	.190
		7.3	30.28	-74.12	-7.96	.44	5.32	.06	1.87	-.83	-.74	.05	.83	.117
		10.9	30.28	211.50	-27.07	.44	7.81	.06	1.87	2.37	-2.55	.05	1.21	.226
		14.5	30.28	613.27	-46.18	.44	10.79	.06	1.87	6.48	-4.31	.05	2.61	.432

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
205- 206 W18- 1		0.0	-27.44	-673.29	9.43	.26	.40	.06	-1.69	-7.56	.88	.03	.06	.340
		3.6	-27.44	-533.25	-1.91	.26	6.04	.06	-1.69	-5.98	-.18	.03	.94	.266
		7.3	-27.44	-147.92	-13.20	.26	11.68	.06	-1.69	-1.66	-1.24	.03	1.81	.167
		10.9	-27.44	482.88	-24.61	.26	17.31	.06	-1.69	5.42	-2.30	.03	2.69	.322
		14.5	-27.44	1356.57	-35.98	.26	22.95	.06	-1.69	15.25	-3.35	.03	3.56	.669
206- 301 120- 1		0.0	-69.87	2.84	-169.70	-2.21	-.50	-33.89	-3.03	-3.35		.53	.53	.268
		5.2	-70.12	-22.94	26.36	-2.21	-.05	-33.89	-3.04	-.62		.53	.53	.187
		10.3	-70.36	-2.38	242.42	-2.21	.45	-33.89	-3.06	-4.27		.53	.53	.296
		24.5	-70.60	75.27	377.80	1.58	1.36	-33.89	-3.07	-6.79		.52	.52	.372
		32.6	-70.85	242.88	-309.09	13.25	1.85	-33.89	-3.08	-8.93		1.69	1.69	.377
206- 306 DRL- 1		0.0	-34.77	1374.01	-241.87	-.92	-55.90	4.85	-.38	-2.18		1.23	1.23	.083
		3.8	-35.93	-1141.89	-200.46	-.92	-55.90	4.85	-.39	-1.81		1.23	1.23	.072
		7.5	-37.10	-3657.59	-159.04	-.92	-55.90	4.85	-.41	-5.73		1.23	1.23	.196
		11.3	-38.26	-6120.09	-86.91	-2.63	-52.95	4.85	-.42	-9.57		1.17	1.17	.317
		15.0	-39.42	-8401.21	89.85	-5.36	-48.21	4.85	-.43	-13.14		1.07	1.07	.431
301- 305 125- 1		0.0	54.47	131.11	304.35	11.07	-2.26	-22.84	1.79	5.91		1.38	1.38	.249
		7.3	54.47	-11.80	-372.02	4.58	-1.04	-22.84	1.79	6.56		.69	.69	.269
		14.5	54.47	-54.09	-492.01	-1.73	.03	-22.84	1.79	8.73		.38	.38	.338
		21.7	54.47	-14.84	-88.54	-7.43	.83	-22.84	1.79	1.58		.98	.98	.112
		29.0	54.47	83.07	702.13	-12.47	1.37	-22.84	1.79	13.87		1.51	1.51	.500
301- 306 125- 1		0.0	73.40	485.78	436.91	12.26	-4.61	-10.05	3.81	11.26		1.45	1.45	.488
		7.2	73.40	121.83	-343.73	5.87	-3.29	-10.05	3.81	6.43		.77	.77	.335
		14.5	73.41	-102.89	-545.19	-1.06	-1.85	-10.05	3.82	9.76		.31	.31	.441
		21.7	73.42	-197.74	-156.86	-7.89	-.31	-10.05	3.82	4.45		.91	.91	.273
		29.0	73.43	-154.08	829.02	-14.80	1.34	-10.05	3.82	14.87		1.63	1.63	.602
301- 401 DRL- 1		0.0	-4.76	-4746.97	608.58	10.81	15.23	1428.02	-.05	-10.61		1.64	1.64	.337
		7.1	-6.99	-4996.80	-643.78	12.41	26.01	1428.02	-.08	-7.88		1.75	1.75	.252
		14.2	-9.20	-2260.39	-1409.70	5.36	38.24	1428.02	-.10	-4.17		1.96	1.96	.135
		21.4	-11.41	1535.80	-1504.40	-1.55	50.23	1428.02	-.13	-3.43		2.22	2.22	.113
		28.5	-13.62	6273.19	-1176.93	-7.32	60.26	1428.02	-.15	-9.98		2.45	2.45	.321
303- 306 125- 1		0.0	-72.02	518.66	222.25	1.32	-4.12	-4.93	-3.74	-9.95		.49	.49	.455
		7.2	-72.02	185.01	107.28	1.32	-3.45	-4.93	-3.74	-3.76		.43	.43	.275
		14.5	-72.02	-66.98	-7.97	1.32	-2.31	-4.93	-3.74	-1.19		.32	.32	.200
		21.7	-72.02	-209.38	-122.62	1.32	-.93	-4.93	-3.74	-4.26		.21	.21	.290
		29.0	-72.02	-222.44	-237.57	1.32	.67	-4.93	-3.74	-5.74		.20	.20	.332
303- 403 DRL- 1		0.0	-112.14	-5315.64	-582.70	8.18	36.10	-321.44	-1.23	-13.04		1.06	1.06	.459
		7.1	-114.55	-4673.97	-1077.55	5.18	44.79	-321.44	-1.26	-7.81		1.24	1.24	.294
		14.2	-116.55	-591.43	-1088.06	-3.15	55.76	-321.44	-1.28	-1.94		1.48	1.48	.110
		21.4	-118.76	4071.40	-535.50	-9.67	67.08	-321.44	-1.30	-7.56		1.74	1.74	.282
		28.5	-120.97	10852.78	538.74	-15.26	78.78	-321.44	-1.33	-16.97		1.97	1.97	.586

LOAD CONDITION NO. 12

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
305- 406 UNL- 1		0.0	-5.45	-8587.11	65.35	14.22	54.59	-433.74	-.06	-13.43		1.16	1.16	.426
		7.1	-7.66	-5172.48	-806.49	7.91	45.51	-433.74	-.08	-8.21		1.35	1.35	.262
		14.2	-9.87	-1757.92	-1205.70	.83	37.74	-433.74	-.11	-2.32		1.61	1.61	.077
		21.4	-12.07	4690.53	-1033.69	-6.05	69.59	-433.74	-.13	-7.51		1.87	1.87	.242
		28.5	-14.28	11071.91	-205.60	-11.71	79.33	-433.74	-.16	-17.32		2.10	2.10	.553
401- 501 JL4- 1		0.0	160.92	-2280.39	-20956.69	43.75	-1.51	701.05	.63	7.43		.47	.47	.257
		1.1	159.94	-2279.21	-21574.45	46.50	-1.24	701.05	.63	7.65		.49	.49	.263
		2.3	158.96	-2294.23	-22229.46	49.19	-.96	701.05	.63	7.88		.51	.51	.270
		3.4	157.99	-2305.44	-22920.82	51.82	-.68	701.05	.62	8.12		.53	.53	.278
		4.6	157.01	-2312.87	-23647.61	54.36	-.41	701.05	.62	8.38		.55	.55	.286
401- 510 M1- 1		0.0	-178.32	-1921.70	15965.46	11.97	-20.06	-94.05	-.81	-7.52		.23	.23	.266
		1.1	-179.17	-2195.94	15801.31	11.97	-19.92	-94.05	-.81	-7.46		.23	.23	.264
		2.3	-180.01	-2468.25	15637.15	11.97	-19.78	-94.05	-.81	-7.40		.23	.23	.262
		3.4	-180.86	-2738.61	15472.99	11.97	-19.64	-94.05	-.82	-7.35		.23	.23	.261
		4.6	-181.71	-3007.05	15308.82	11.97	-19.50	-94.05	-.82	-7.30		.23	.23	.259
403- 503 JL4- 1		0.0	2007.85	-2449.50	12191.53	-35.81	-100.00	-164.34	7.90	4.36		.86	.86	.413
		1.1	2006.88	-3855.11	12865.87	-35.21	-102.16	-164.34	7.89	4.66		.88	.88	.421
		2.3	2005.91	-5245.94	13535.16	-36.57	-104.27	-164.34	7.89	4.99		.90	.90	.432
		3.4	2004.94	-6687.21	13864.93	-37.91	-106.32	-164.34	7.88	5.36		.92	.92	.443
		4.6	2003.97	-8156.15	14192.73	-39.20	-108.31	-164.34	7.88	5.77		.93	.93	.456
403- 511 M1- 1		0.0	-2257.83	-4052.13	-1748.28	2.83	-14.65	-104.13	-10.11	-2.40		.16	.16	.427
		1.1	-2256.87	-5052.10	-1784.30	2.83	-14.51	-104.13	-10.12	-2.50		.16	.16	.430
		2.3	-2254.52	-5250.13	-1820.31	2.83	-14.37	-104.13	-10.12	-2.59		.16	.16	.433
		3.4	-2248.37	-5420.22	-1856.32	2.83	-14.22	-104.13	-10.12	-2.68		.16	.16	.436
		4.6	-2241.22	-5620.36	-1892.33	2.83	-14.08	-104.13	-10.13	-2.77		.15	.15	.439
406- 506 JL4- 1		0.0	-1979.70	4910.44	2600.70	-11.36	74.62	-125.04	-7.79	-1.97		.62	.62	.333
		1.1	-1980.68	5948.78	2844.93	-12.63	77.10	-125.04	-7.79	-2.32		.64	.64	.344
		2.3	-1981.66	7020.63	3026.33	-13.87	79.52	-125.04	-7.79	-2.69		.66	.66	.356
		3.4	-1982.63	8125.28	3224.43	-15.07	81.89	-125.04	-7.80	-3.08		.68	.66	.368
		4.6	-1983.61	9261.91	3438.78	-16.24	84.19	-125.04	-7.80	-3.48		.70	.70	.381
406- 512 M1- 1		0.0	1978.65	6161.47	-2871.51	-.35	6.69	-345.43	8.94	3.18		.14	.14	.411
		1.1	1977.81	6254.22	-2866.65	-.35	6.85	-345.43	8.94	3.22		.14	.14	.412
		2.3	1976.96	6348.91	-2861.79	-.35	6.97	-345.43	8.93	3.26		.14	.14	.413
		3.4	1976.11	6445.53	-2856.94	-.35	7.11	-345.43	8.93	3.30		.15	.15	.414
		4.6	1975.26	6544.08	-2852.08	-.35	7.26	-345.43	8.93	3.34		.15	.15	.415
501- 502 105- 1		0.0	8.29	-117.98	-823.87	-2.66	-1.60	169.98	.27	7.45		.97	.97	.245
		3.8	8.29	-175.74	-852.23	-4.89	-.95	169.98	.27	6.05		1.09	1.09	.200
		7.5	8.29	-204.61	-879.66	-7.11	-.32	169.98	.27	3.86		1.23	1.23	.131
		11.4	8.29	-205.41	-8.39	-9.32	.26	169.98	.27	1.84		1.38	1.38	.068
		15.1	8.29	-174.02	467.10	-11.52	.87	169.98	.27	4.48		1.53	1.53	.151

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
501- 504	105- 1	0.0	225.50	927.69	-828.82	-3.56	-6.60	95.29	7.47	11.14		.92	.92	.611
		3.8	225.48	642.73	-616.58	-5.78	-5.95	95.29	7.47	7.97		.98	.98	.511
		7.6	225.47	357.58	-303.39	-8.00	-5.29	95.29	7.47	4.41		1.06	1.06	.398
		11.4	225.46	161.72	110.76	-10.22	-4.64	95.29	7.47	1.75		1.17	1.17	.315
		15.1	225.44	-34.13	625.86	-12.45	-3.98	95.29	7.47	5.61		1.29	1.29	.437
501- 601	JL5- 1	0.0	267.60	-1636.59	-21392.37	-138.79	-11.23	132.13	2.01	13.49		1.99	1.99	.496
		1.5	268.87	-2039.01	-18890.05	-135.51	-10.96	132.13	2.01	11.94		1.94	1.94	.447
		3.0	265.15	-2230.53	-16446.78	-132.32	-10.69	132.13	2.00	10.43		1.90	1.90	.399
		4.6	265.40	-2429.14	-14061.06	-129.21	-10.42	132.13	2.00	8.96		1.86	1.86	.352
		6.1	264.66	-2616.03	-11731.34	-126.18	-10.15	132.13	1.99	7.55		1.81	1.81	.308
501- 622	200- 1	0.0	-237.29	-678.68	1015.98	13.76	4.76	198.37	-6.24	-6.83		1.32	1.32	.432
		5.1	-237.68	-399.99	261.77	10.19	4.36	198.37	-6.25	-2.74		1.14	1.14	.309
		10.2	-238.07	-144.00	-235.57	6.77	4.01	198.37	-6.26	-1.55		.97	.97	.277
		15.3	-238.48	90.95	-551.92	3.56	3.67	198.37	-6.27	-5.13		.82	.82	.321
		20.4	-238.82	306.04	-676.08	.53	3.36	198.37	-6.28	-4.15		.73	.73	.349
502- 503	105- 1	0.0	-11.10	-208.39	205.26	5.39	5.52	-71.16	-.37	-3.02		.74	.74	.111
		3.8	-11.10	-55.55	70.12	5.20	4.09	-71.16	-.37	-.70		.66	.66	.038
		7.6	-11.10	102.01	-26.04	1.05	4.64	-71.16	-.37	-1.48		.63	.63	.062
		11.4	-11.10	385.76	-24.07	-1.12	5.17	-71.16	-.37	-3.46		.67	.67	.125
		15.1	-11.10	632.47	75.15	-3.25	5.68	-71.16	-.37	-5.70		.75	.75	.195
502- 504	105- 1	0.0	-5.61	106.78	71.32	.03	-1.44	-50.03	-.47	-4.29		1.10	1.10	.155
		3.8	-5.61	46.52	42.54	.03	-1.21	-50.03	-.47	-2.11		1.07	1.07	.086
		7.6	-5.61	-2.55	13.76	.03	-.95	-50.03	-.47	-.47		1.03	1.03	.034
		11.4	-5.61	-39.70	-15.03	.03	-.68	-50.03	-.47	-1.42		.99	.99	.064
		15.2	-5.61	-64.61	-43.81	.03	-.42	-50.03	-.47	-2.62		.96	.96	.102
502- 505	105- 1	0.0	26.54	126.81	130.56	3.15	-1.20	27.68	2.23	6.09		1.03	1.03	.270
		3.8	26.54	77.47	20.32	1.70	-.97	27.68	2.23	2.68		.79	.79	.162
		7.6	26.56	30.89	-24.00	.25	-.73	27.68	2.23	1.53		.59	.59	.126
		11.4	26.56	11.50	-2.00	-1.22	-.48	27.68	2.23	.39		.68	.68	.090
		15.2	26.55	-4.26	66.69	-2.69	-.22	27.68	2.23	2.90		.92	.92	.169
503- 505	105- 1	0.0	-191.41	1152.28	20.66	-.58	-8.10	-12.98	-.34	-10.14		.60	.60	.563
		3.8	-191.41	776.13	46.84	-.58	-7.57	-12.98	-.34	-6.96		.56	.56	.469
		7.6	-191.41	444.58	73.02	-.58	-7.01	-12.98	-.34	-4.03		.52	.52	.383
		11.4	-191.41	159.57	99.21	-.58	-6.41	-12.98	-.34	-1.53		.48	.48	.308
		15.1	-191.41	-137.80	125.39	-.58	-5.78	-12.98	-.34	-1.67		.44	.44	.311
503- 603	JL5- 1	0.0	1609.97	-6735.11	12801.21	92.24	50.28	-39.06	11.26	9.09		1.48	1.48	.678
		1.5	1609.24	-5842.00	11153.59	90.56	47.63	-39.06	11.26	7.90		1.44	1.44	.640
		3.0	1608.51	-4996.57	9496.25	88.92	45.05	-39.06	11.25	6.74		1.41	1.41	.604
		4.6	1607.78	-4197.55	7864.45	87.32	42.54	-39.06	11.25	5.61		1.37	1.37	.568
		6.1	1607.05	-3445.71	6309.40	85.77	40.10	-39.06	11.24	4.52		1.34	1.34	.533

STRESS MEMBER DETAIL REPORT

LOAD CONDITION NO. 12 — PAGE 41 — DATE 08/27/70

U.S. NAVY - ACAN PLATFORMS - PLATFORMS 5 AND 6 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	VERT FROM END PT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE PT KIPS	SHEAR FORCE PZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	CUMU. UNITY CHECK
									KSI					
503- 603	203- 1	0.0	529.59	1028.87	260.02	1.84	-15.90	-.72	13.92	10.34		.84	.84	.810
		5.1	564.21	900.36	157.50	1.55	-16.04	-.72	13.91	5.65		.87	.87	.655
		10.1	568.42	285.51	70.99	1.80	-9.58	-.72	13.90	1.65		.51	.51	.535
		15.2	568.43	-199.30	-.87	1.05	-6.43	-.72	13.89	1.12		.34	.34	.518
		20.3	568.43	-490.98	-57.28	.82	-3.38	-.72	13.88	2.80		.18	.18	.570
504- 505	105- 1	0.0	-20.70	-75.52	72.59	2.70	-.19	17.21	-1.74	-3.46		.78	.78	.180
		5.5	-20.70	-75.93	-10.50	1.82	.04	17.21	-1.74	-2.68		.49	.49	.193
		7.0	-20.70	-80.26	-34.50	-.20	.35	17.21	-1.74	-2.56		.36	.36	.192
		11.4	-20.70	-84.58	7.08	-1.74	.01	17.21	-1.74	-1.51		.60	.60	.119
		15.2	-20.70	-10.74	119.50	-3.21	.00	17.21	-1.74	-4.01		.85	.85	.190
504- 506	105- 1	0.0	255.07	-1.35	509.60	9.18	-6.22	-58.13	7.01	4.56		.93	.93	.415
		5.0	255.06	-178.06	102.70	6.96	-5.56	-58.13	7.01	2.04		.70	.70	.336
		7.0	255.06	-320.55	-122.92	6.13	-6.09	-58.13	7.01	3.11		.63	.63	.349
		11.4	255.02	-680.37	-267.57	2.51	-8.21	-58.13	7.01	6.71		.68	.68	.426
		15.2	255.01	-965.15	-351.21	.69	-1.56	-58.13	7.01	5.00		.56	.56	.450
505- 506	105- 1	0.0	-102.00	-95.00	331.00	4.05	-5.12	5.31	-5.39	-3.00		.46	.46	.309
		5.0	-102.00	-315.00	120.00	4.05	-4.46	5.31	-5.39	-3.00		.45	.45	.311
		7.0	-102.00	-504.07	-91.47	4.05	-3.79	5.31	-5.39	-4.56		.42	.42	.357
		11.0	-102.00	-657.76	-303.05	4.05	-3.11	5.31	-5.39	-6.46		.59	.59	.411
		15.2	-102.00	-703.51	-514.00	4.05	-2.42	5.31	-5.39	-8.39		.57	.57	.444
506- 606	205- 1	0.0	-1749.07	7072.22	2759.00	17.00	-67.52	-270.00	-12.59	-4.77		.80	.80	.500
		1.5	-1749.00	6251.10	2055.20	15.70	-66.05	-270.00	-12.59	-4.21		.75	.75	.570
		5.0	-1800.53	5041.04	2177.76	14.00	-61.05	-270.00	-12.60	-3.60		.71	.71	.554
		9.0	-1801.20	4702.90	1920.55	13.05	-59.12	-270.00	-12.60	-3.19		.66	.66	.530
		9.1	-1801.98	4913.20	1700.91	11.00	-58.47	-270.00	-12.61	-2.76		.62	.62	.528
506- 626	205- 1	0.0	-352.79	-531.00	-1498.05	-10.57	2.30	-160.00	-9.27	-4.90		1.53	1.53	.605
		5.1	-353.20	-393.65	-804.97	-12.00	2.24	-160.00	-9.28	-4.06		1.16	1.16	.460
		10.1	-353.59	-259.37	87.45	-4.52	2.19	-160.00	-9.29	-1.50		.95	.95	.390
		15.2	-353.97	-120.99	530.50	-5.96	2.17	-160.00	-9.30	-3.05		.78	.78	.433
		20.2	-354.35	5.30	793.50	-2.73	2.19	-160.00	-9.31	-4.46		.63	.63	.472
510- 710	910- 1	0.0	-101.72	-3102.10	15204.30	12.20	7.30	-504.50	-.62	-7.30		.25	.25	.206
		8.5	-104.42	-2512.00	14355.02	12.20	8.14	-504.50	-.64	-8.82		.25	.25	.246
		12.7	-141.07	-1454.98	9844.33	17.73	8.92	-1103.78	-.86	-8.32		.86	.86	.168
		19.0	-195.16	-1155.63	7696.38	17.73	9.69	-1103.78	-.88	-5.66		.46	.46	.147
		25.3	-199.25	-399.88	6368.48	17.73	10.28	-1103.78	-.99	-2.98		.46	.46	.127
511- 711	911- 1	0.0	-2241.26	-5052.14	-1057.33	.20	50.53	-90.61	-10.15	-2.77		.87	.87	.447
		8.5	-2245.98	-1838.57	-1872.05	.20	50.31	-90.61	-10.15	-1.23		.48	.48	.405
		12.7	-2251.41	-1014.00	508.30	-2.55	48.44	241.18	-10.17	-.98		.48	.48	.396
		17.0	-2255.89	1741.82	404.71	-2.55	47.12	241.18	-10.19	-.85		.46	.46	.390
		25.3	-2259.50	5850.30	889.10	-2.55	47.49	241.18	-10.21	-2.52		.99	.99	.443

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
512- 712	P1- 1	0.0	1975.34	6544.08	-2852.15	-.35	-55.15	-549.51	8.93	3.34		.61	.61	.415
		6.3	1970.64	2532.54	-2825.23	-.35	-52.37	-549.51	8.91	1.77		.60	.60	.365
		12.7	1966.76	2410.20	-809.81	-3.07	-46.95	-212.14	8.89	1.17		.47	.47	.345
		19.0	1962.68	-1120.03	-576.07	-3.07	-46.25	-212.14	8.87	.56		.47	.47	.326
		25.3	1958.59	-4017.62	-142.34	-3.07	-45.57	-212.14	8.85	2.16		.46	.46	.376
601- 621	JL6- 1	0.0	275.03	-2664.58	-11782.79	-101.66	2.57	-798.79	1.92	7.54		1.68	1.68	.306
		1.5	274.30	-2614.63	-9950.90	-96.91	2.80	-798.79	1.92	6.46		1.64	1.64	.271
		3.0	273.58	-2560.17	-8172.20	-96.02	3.13	-798.79	1.91	5.38		1.60	1.60	.236
		4.6	272.83	-2500.46	-6445.96	-93.21	5.41	-798.79	1.91	4.34		1.56	1.56	.203
		6.1	272.09	-2455.79	-4769.79	-90.47	5.68	-798.79	1.90	3.36		1.52	1.52	.172
603- 623	JL6- 1	0.0	1591.49	-3578.25	6698.74	67.96	42.82	332.40	11.13	4.77		1.23	1.23	.537
		1.5	1590.76	-2818.56	5472.45	66.43	40.45	332.40	11.13	3.87		1.19	1.19	.509
		3.0	1590.03	-2101.80	4273.86	64.93	38.13	332.40	11.12	2.99		1.16	1.16	.481
		4.6	1589.30	-1420.30	3102.46	63.45	35.88	332.40	11.12	2.15		1.12	1.12	.458
		6.1	1588.57	-791.59	1957.59	62.02	33.69	332.40	11.11	1.33		1.09	1.09	.428
606- 626	JL6- 1	0.0	-1801.88	4013.20	1699.99	11.08	-42.52	-285.41	-12.61	-2.74		.70	.70	.524
		1.5	-1802.59	3254.64	1499.12	10.55	-39.73	-285.41	-12.61	-2.26		.66	.66	.509
		3.0	-1803.32	2565.05	1322.32	9.04	-37.22	-285.41	-12.62	-1.81		.63	.63	.495
		4.6	-1804.05	1980.57	1168.94	7.78	-34.76	-285.41	-12.62	-1.40		.59	.59	.483
		6.1	-1804.78	1294.27	1038.38	6.54	-32.58	-285.41	-12.63	-1.04		.55	.55	.471
621- 651	JL6- 1	0.0	272.10	-2459.99	-4758.81	-90.22	4.51	-790.09	1.90	3.37		1.51	1.51	.172
		1.5	271.55	-2574.12	-3149.69	-86.18	4.91	-790.09	1.90	2.48		1.46	1.46	.144
		3.0	270.90	-2681.02	-1613.50	-82.23	5.30	-790.09	1.90	1.76		1.40	1.40	.121
		4.6	270.26	-2180.79	-144.48	-78.37	5.69	-790.09	1.89	1.37		1.35	1.35	.109
		6.1	269.63	-2075.55	1247.09	-74.62	6.07	-790.09	1.89	1.52		1.30	1.30	.114
622- 703	200- 1	0.0	-238.85	506.55	-673.54	.17	.64	200.39	-6.28	-4.14		.63	.63	.351
		5.4	-238.82	298.25	-575.76	-3.72	-.88	200.39	-6.28	-3.63		.78	.78	.337
		10.9	-238.79	192.07	-193.75	-7.98	-2.34	200.39	-6.28	-1.53		1.01	1.01	.279
		16.3	-238.75	-6.08	455.80	-11.92	-3.74	200.39	-6.28	-2.55		1.23	1.23	.307
		21.8	-238.73	-294.18	1358.16	-15.08	-5.07	200.39	-6.28	-7.78		1.44	1.44	.463
623- 653	JL6- 1	0.0	1588.57	-801.52	1954.12	60.54	36.22	329.00	11.11	1.33		1.09	1.09	.428
		1.5	1587.93	-171.91	809.54	58.55	32.80	329.00	11.11	.56		1.04	1.04	.403
		3.0	1587.30	390.65	-175.80	56.22	29.47	329.00	11.10	.27		.99	.99	.394
		4.6	1586.66	903.88	-1162.22	54.13	26.21	329.00	11.10	.93		.94	.94	.415
		6.1	1586.03	1353.07	-2151.21	52.10	23.04	329.00	11.10	1.60		.90	.90	.436
624- 701	200- 1	0.0	-354.35	5.22	795.55	-2.66	2.30	-160.34	-9.31	-4.44		.63	.63	.476
		5.5	-354.32	122.01	802.56	2.34	1.25	-160.34	-9.31	-4.54		.59	.59	.479
		11.0	-354.29	170.65	491.55	7.07	.23	-160.34	-9.31	-2.91		.82	.82	.433
		16.5	-354.27	153.29	-122.74	11.56	-.75	-160.34	-9.31	-1.10		1.06	1.06	.382
		21.9	-354.24	72.21	-1025.02	15.65	-1.70	-160.34	-9.31	-5.75		1.29	1.29	.513

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706	200- 1	0.0	528.03	-496.95	-57.48	.53	-5.19	-.97	13.88	2.80		.17	.17	.570
		5.5	528.06	-564.55	-81.27	.19	.49	-.97	13.88	3.30		.03	.03	.586
		11.0	528.09	-435.52	-83.03	-.14	4.01	-.97	13.88	2.48		.21	.21	.560
		16.4	528.12	-60.99	-83.58	-.45	7.35	-.97	13.88	.49		.39	.39	.498
		21.9	528.16	527.97	-23.75	-.76	10.52	-.97	13.88	2.96		.56	.56	.576
626- 656	JL6- 1	0.0	-1804.63	1294.27	1038.84	6.54	-29.45	-283.73	-12.63	-1.04		.51	.51	.471
		1.5	-1805.47	787.67	935.11	4.85	-26.09	-283.73	-12.63	-.77		.46	.46	.463
		3.0	-1806.11	341.55	862.18	3.17	-22.82	-283.73	-12.64	-.58		.41	.41	.458
		4.6	-1806.75	-45.80	819.22	1.55	-19.64	-283.73	-12.64	-.52		.36	.36	.457
		6.1	-1807.38	-375.77	805.39	-.02	-16.54	-283.73	-12.64	-.56		.32	.32	.458
651- 701	JL6- 1	0.0	274.24	-2162.35	334.54	-26.76	21.42	-1841.66	1.92	1.37		1.06	1.06	.110
		1.4	273.50	-1701.06	901.16	-24.48	21.90	-1841.66	1.91	1.21		1.04	1.04	.105
		3.5	272.77	-1229.65	1377.96	-20.52	22.37	-1841.66	1.91	1.16		1.00	1.00	.103
		5.3	272.05	-748.32	1767.26	-16.27	22.84	-1841.66	1.90	1.21		.97	.97	.104
		7.1	271.29	-257.22	2071.49	-12.52	23.29	-1841.66	1.90	1.31		.95	.95	.107
653- 703	JL6- 1	0.0	1668.09	1331.27	-1865.59	23.37	6.77	636.40	11.67	1.45		.54	.54	.451
		1.8	1667.55	1457.14	-2358.04	21.01	5.19	636.40	11.66	1.73		.50	.50	.460
		3.5	1666.61	1467.55	-2780.75	18.70	-.31	636.40	11.66	1.96		.46	.46	.467
		5.3	1665.87	1424.37	-3154.93	16.45	-3.73	636.40	11.65	2.17		.44	.44	.473
		7.1	1665.14	1309.44	-3481.71	14.25	-7.06	636.40	11.65	2.34		.42	.42	.478
656- 706	JL6- 1	0.0	-1807.39	-375.77	805.52	-.02	-15.70	-283.36	-12.64	-.56		.31	.31	.459
		1.8	-1808.13	-672.41	825.08	-1.81	-12.18	-283.36	-12.65	-.67		.26	.26	.462
		3.5	-1808.87	-894.99	862.04	-3.54	-8.75	-283.36	-12.65	-.79		.22	.22	.465
		5.3	-1809.60	-1045.63	975.27	-5.21	-5.42	-283.36	-12.66	-.90		.19	.19	.468
		7.1	-1810.34	-1126.44	1105.63	-6.84	-2.18	-283.36	-12.66	-.99		.19	.19	.471
701- 702	137- 1	0.0	-75.08	4.80	-146.71	2.27	-.37	13.10	-3.90	-2.59		.35	.35	.267
		4.7	-75.08	-12.45	-211.13	.02	-.24	13.10	-3.90	-3.73		.14	.14	.299
		9.4	-75.08	-22.70	-149.51	-2.21	-.12	13.10	-3.90	-2.67		.35	.35	.269
		14.1	-75.08	-20.62	37.49	-4.43	-.02	13.10	-3.90	-.81		.58	.58	.218
		18.8	-75.08	-24.66	549.21	-6.64	.08	13.10	-3.90	-6.17		.81	.81	.367
701- 704	137- 1	0.0	26.74	90.93	-147.29	2.35	-.88	7.04	1.39	3.05		.32	.32	.145
		4.7	26.73	45.53	-215.75	.08	-.74	7.04	1.39	3.89		.14	.14	.171
		9.4	26.72	8.04	-156.56	-2.19	-.59	7.04	1.39	2.76		.30	.30	.136
		14.1	26.71	-20.28	30.16	-4.45	-.42	7.04	1.39	.64		.53	.53	.068
		18.8	26.70	-38.97	544.54	-6.72	-.24	7.04	1.39	6.11		.76	.76	.241
701- 801	JL7- 1	0.0	-104.61	419.44	2100.41	-22.35	-4.45	-496.16	-1.48	-2.72		.96	.96	.140
		7.1	-105.05	95.55	3397.25	-8.54	-5.18	-496.16	-1.50	-4.32		.57	.57	.191
		14.2	-107.50	-124.14	3559.71	4.52	-1.99	-496.16	-1.52	-4.53		.45	.45	.199
		21.3	-109.96	-248.24	2694.05	15.03	-.89	-496.16	-1.54	-3.44		.76	.76	.165
		28.4	-110.44	-278.17	892.93	20.31	.12	-496.16	-1.56	-1.19		1.06	1.06	.095

LOAD CONDITION NO. 12

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 606	200- 1	0.0	263.93	606.59	1011.42	14.76	-7.22	4.54	6.94	6.61		.86	.86	.450
		12.5	265.98	-187.62	-502.96	6.31	-5.42	4.54	6.94	3.32		.39	.39	.346
		25.1	264.05	-454.25	-929.02	-1.31	.05	4.34	6.94	5.75		.08	.08	.423
		37.6	264.13	-193.69	-209.58	-6.15	5.18	4.34	6.94	1.60		.47	.47	.292
		50.2	264.27	501.27	1480.55	-14.21	6.01	4.34	6.95	8.75		.82	.82	.517
702- 703	157- 1	0.0	-66.04	-26.78	205.89	4.95	.47	-17.10	-4.47	-3.67		.67	.67	.326
		4.7	-66.04	.15	-11.12	2.76	.55	-17.10	-4.47	-.20		.44	.44	.229
		9.4	-66.04	33.40	-105.59	.59	.63	-17.10	-4.47	-1.95		.24	.24	.279
		14.1	-66.04	70.36	-74.25	-1.55	.69	-17.10	-4.47	-1.86		.33	.33	.279
		18.8	-66.04	110.56	66.99	-3.66	.75	-17.10	-4.47	-2.29		.54	.54	.294
702- 704	107- 1	0.0	.25	14.90	-1.05	.01	-.23	-5.53	.02	.50		.13	.13	.010
		4.7	.25	5.26	-1.76	.01	-.18	-5.53	.02	.12		.12	.12	.005
		9.4	.25	-5.74	-2.46	.01	-.14	-5.53	.02	.21		.12	.12	.007
		14.1	.25	-12.09	-3.19	.01	-.09	-5.53	.02	.42		.11	.11	.014
		18.8	.25	-15.04	-3.90	.01	-.01	-5.53	.02	.52		.10	.10	.017
702- 705	107- 1	0.0	15.59	15.88	144.36	3.90	-.16	1.57	1.29	4.86		.68	.68	.198
		4.7	15.38	8.02	-21.61	2.00	-.12	1.57	1.29	.77		.36	.36	.069
		9.4	15.38	2.80	-60.35	.09	-.07	1.57	1.29	2.69		.04	.04	.130
		14.1	15.38	.22	-30.95	-1.84	-.02	1.57	1.29	1.03		.34	.34	.078
		18.8	15.39	.27	127.49	-3.79	.02	1.57	1.29	4.26		.66	.66	.179
703- 705	157- 1	0.0	21.37	145.84	162.46	1.39	-1.00	10.96	1.11	3.85		.27	.27	.160
		4.7	21.37	91.37	84.17	1.39	-.94	10.96	1.11	2.19		.27	.27	.108
		9.4	21.37	41.25	5.88	1.39	-.84	10.96	1.11	.73		.27	.27	.062
		14.1	21.37	-2.53	-72.41	1.39	-.71	10.96	1.11	1.28		.26	.26	.079
		18.8	21.37	-38.78	-150.70	1.39	-.58	10.96	1.11	2.74		.25	.25	.125
703- 801	200- 1	0.0	261.37	810.45	-1659.09	-17.44	-6.53	-18.79	6.87	10.23		1.03	1.03	.562
		12.5	261.40	42.19	323.65	-8.76	-5.70	-18.79	6.87	1.83		.55	.55	.296
		25.1	261.43	-308.24	1050.55	-.75	-.98	-18.79	6.87	6.02		.12	.12	.429
		37.6	261.46	-257.44	581.20	6.61	1.63	-18.79	6.87	3.58		.41	.41	.351
		50.2	261.54	173.45	-950.00	13.38	4.07	-18.79	6.87	5.29		.79	.79	.406
703- 803	JL7- 1	0.0	1305.15	2041.83	-2724.64	5.28	14.92	-390.97	19.31	4.33		.70	.70	.607
		7.1	1303.70	2792.23	-2845.32	-2.38	2.90	-390.97	19.29	5.07		.35	.35	.830
		14.2	1302.23	2567.60	-2334.64	-9.37	-8.01	-390.97	19.27	4.42		.60	.60	.809
		21.3	1300.75	1453.23	-1264.30	-15.77	-18.01	-390.97	19.25	2.45		.93	.93	.746
		28.4	1359.28	-477.66	533.02	-21.66	-27.20	-390.97	19.23	.74		1.23	1.23	.691
704- 705	107- 1	0.0	-15.89	-9.27	154.59	4.09	-.04	3.69	-1.33	-5.31		.75	.75	.220
		4.7	-15.89	-11.95	-15.98	2.12	-.00	3.69	-1.33	-.67		.42	.42	.079
		9.4	-15.89	-10.01	-79.69	.15	.07	3.69	-1.33	-2.64		.09	.09	.143
		14.1	-15.89	-4.11	-52.53	-1.02	.14	3.69	-1.33	-1.10		.37	.37	.092
		18.8	-15.89	5.10	125.46	-3.79	.19	3.69	-1.33	-4.20		.70	.70	.190

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	38.32	-40.43	182.06	4.80	-.16	-18.71	1.99	3.29		.66	.66	.173
		4.7	38.31	-44.39	-24.17	2.55	.02	-18.71	1.99	.89		.43	.43	.097
		9.4	38.30	-38.06	-102.69	.26	.20	-18.71	1.99	1.93		.20	.20	.130
		14.1	38.29	-21.45	-53.47	-2.01	.39	-18.71	1.99	1.02		.36	.36	.101
		18.8	38.28	5.50	123.46	-4.28	.57	-18.71	1.99	2.18		.61	.61	.158
705- 706	137- 1	0.0	43.57	-36.48	102.27	.95	-.36	5.14	2.26	1.91		.15	.15	.139
		4.7	43.57	-52.85	48.87	.95	-.22	5.14	2.26	1.27		.15	.15	.119
		9.4	43.57	-60.25	-4.54	.95	-.04	5.14	2.26	1.07		.14	.14	.112
		14.1	43.57	-57.59	-57.94	.95	.14	5.14	2.26	1.44		.14	.14	.124
		18.8	43.57	-44.82	-111.34	.95	.32	5.14	2.26	2.12		.15	.15	.145
706- 803	200- 1	0.0	-491.76	-1079.89	303.78	1.69	10.07	-11.78	-12.93	-6.26		.57	.57	.839
		12.5	-491.66	80.82	68.41	1.17	5.40	-11.78	-12.92	-.67		.32	.32	.618
		25.1	-491.55	559.77	-50.25	.67	1.02	-11.78	-12.92	-3.15		.10	.10	.715
		37.6	-491.40	405.27	-115.93	.21	-3.02	-11.78	-12.92	-2.36		.19	.19	.684
		50.2	-491.26	-351.61	-116.77	-.18	-6.72	-11.78	-12.91	-1.97		.39	.39	.668
706- 806	JL7- 1	0.0	-1212.04	-1690.85	791.23	16.41	-15.22	18.46	-17.15	-2.37		.65	.65	.698
		7.1	-1213.50	-2497.97	-353.26	10.58	-3.94	18.46	-17.17	-3.21		.33	.33	.718
		14.2	-1214.96	-2597.04	-1030.50	5.42	6.13	18.46	-17.19	-3.32		.24	.24	.721
		21.3	-1216.43	-1484.93	-1293.66	.85	15.12	18.46	-17.21	-2.50		.44	.44	.699
		28.4	-1217.89	153.35	-1187.60	-3.27	23.20	18.46	-17.23	-1.52		.67	.67	.673
710- 810	P2- 1	0.0	-199.23	-390.65	6348.48	17.67	-5.71	-1238.32	-.79	-2.65		.40	.40	.113
		7.1	-204.43	-664.58	4845.61	17.67	-2.84	-1238.32	-.81	-2.04		.40	.40	.098
		14.2	-209.63	-874.60	3338.74	17.67	-1.96	-1238.32	-.83	-1.44		.40	.40	.076
		21.3	-214.83	-1006.03	1833.86	17.67	-1.11	-1238.32	-.85	-.87		.40	.40	.059
		28.4	-220.03	-1063.85	328.99	17.67	-.25	-1238.32	-.88	-.46		.40	.40	.047
711- 811	P2- 1	0.0	-2259.54	5349.51	695.56	-1.98	5.31	-852.99	-8.99	-2.25		.22	.22	.394
		7.1	-2264.74	5830.65	864.31	-1.98	6.18	-852.99	-9.01	-2.46		.23	.23	.400
		14.2	-2269.94	6401.45	1055.05	-1.98	7.04	-852.99	-9.03	-2.70		.24	.24	.408
		21.3	-2275.14	7037.84	1201.79	-1.98	7.91	-852.99	-9.05	-2.98		.24	.24	.416
		28.4	-2280.34	7747.87	1370.53	-1.98	8.77	-852.99	-9.07	-3.28		.25	.25	.425
712- 812	P2- 1	0.0	1956.55	-4617.62	-142.55	-3.07	-7.17	-297.96	7.79	1.93		.12	.12	.331
		7.1	1953.35	-5191.27	119.22	-3.07	-6.30	-297.96	7.77	2.16		.12	.12	.338
		14.2	1948.15	-5891.21	380.99	-3.07	-5.44	-297.96	7.75	2.38		.11	.11	.344
		21.3	1942.94	-6117.44	642.76	-3.07	-4.57	-297.96	7.73	2.56		.11	.11	.349
		28.4	1937.74	-6469.96	904.53	-3.07	-3.71	-297.96	7.71	2.72		.10	.10	.354
801- 802	140- 1	0.0	-28.40	-.71	-274.85	1.59	-.47	19.42	-1.34	-3.98		.30	.30	.197
		5.7	-28.40	-28.35	-315.84	-.45	-.34	19.42	-1.34	-4.56		.19	.19	.216
		11.4	-28.40	-48.64	-213.56	-2.48	-.20	19.42	-1.34	-3.16		.38	.38	.172
		17.1	-28.40	-55.58	24.97	-4.50	-.08	19.42	-1.34	-.88		.56	.56	.100
		22.9	-28.40	-55.17	400.83	-6.50	.01	19.42	-1.34	-5.45		.75	.75	.257

SIRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
801- 804 140- 1		0.0	75.49	152.24	-201.56	1.47	-.98	22.86	3.56	4.63		.33	.33	.270
		5.7	75.49	89.66	-312.18	-.57	-.85	22.86	3.56	4.70		.26	.26	.272
		11.4	75.50	30.42	-203.37	-2.01	-.71	22.86	3.56	2.99		.42	.42	.218
		17.1	75.50	-7.46	45.09	-4.66	-.57	22.86	3.56	.66		.61	.61	.145
		22.8	75.51	-42.00	433.19	-6.70	-.44	22.86	3.56	6.30		.80	.80	.323
801- 901 JL6- 1		0.0	169.25	-441.48	971.66	-13.60	1.12	-200.57	2.39	1.36		.51	.51	.126
		8.1	167.57	-200.88	1755.30	-2.67	2.16	-200.57	2.37	2.26		.22	.22	.154
		16.2	165.91	-20.12	1522.75	7.30	3.06	-200.57	2.35	1.94		.35	.35	.143
		24.3	164.25	312.44	560.44	16.45	3.86	-200.57	2.32	.61		.61	.61	.100
		32.4	162.57	720.00	-1659.14	24.95	4.62	-200.57	2.30	2.30		.85	.85	.153
801- 903 200- 1		0.0	-243.54	-526.45	791.45	11.55	4.01	31.55	-6.40	-5.32		.72	.72	.505
		14.9	-243.49	23.64	-618.78	4.56	2.16	31.55	-6.40	-3.47		.35	.35	.441
		29.8	-243.47	252.50	-876.40	-1.58	.40	31.55	-6.40	-5.10		.17	.17	.498
		44.7	-243.42	169.05	-88.53	-7.15	-1.33	31.55	-6.40	-1.07		.47	.47	.358
		59.6	-243.33	-213.02	1655.65	-12.20	-2.92	31.55	-6.40	-9.35		.75	.75	.644
802- 803 140- 1		0.0	-39.30	-57.40	218.49	4.29	.52	-34.42	-1.85	-3.27		.66	.66	.202
		5.7	-39.30	-17.69	-8.70	2.31	.65	-34.42	-1.85	-.27		.47	.47	.108
		11.4	-39.30	30.46	-97.49	.35	.76	-34.42	-1.85	-1.48		.33	.33	.146
		17.1	-39.30	66.01	-55.64	-1.57	.86	-34.42	-1.85	-1.48		.42	.42	.146
		22.8	-39.30	147.99	116.51	-3.48	.95	-34.42	-1.85	-2.72		.59	.59	.185
802- 804 100- 1		0.0	-.79	25.78	18.54	.11	-.25	-12.09	-.07	-1.06		.25	.25	.037
		5.7	-.79	10.45	11.12	.11	-.20	-12.09	-.07	-.51		.24	.24	.019
		11.4	-.79	-.99	3.69	.11	-.14	-12.09	-.07	-.13		.23	.23	.007
		17.1	-.79	-8.52	-3.73	.11	-.08	-12.09	-.07	-.31		.22	.22	.013
		22.8	-.79	-12.10	-11.10	.11	-.02	-12.09	-.07	-.55		.22	.22	.021
802- 805 100- 1		0.0	15.09	24.41	163.80	3.31	-.19	8.65	1.27	5.54		.70	.70	.219
		5.7	15.10	13.46	-8.56	1.73	-.13	8.65	1.27	.53		.44	.44	.061
		11.4	15.10	8.59	-72.63	.15	-.07	8.65	1.27	2.44		.17	.17	.121
		17.1	15.11	3.23	-29.43	-1.44	-.02	8.65	1.27	.96		.39	.39	.074
		22.8	15.12	3.96	124.06	-3.02	.04	8.65	1.27	4.15		.65	.65	.175
803- 805 140- 1		0.0	-83.85	250.40	107.29	.73	-1.31	1.60	-3.01	-4.02		.15	.15	.283
		5.7	-83.85	169.89	57.57	.73	-1.22	1.60	-3.01	-2.60		.15	.15	.240
		11.4	-83.85	90.78	7.85	.73	-1.09	1.60	-3.01	-1.32		.14	.14	.202
		17.1	-83.85	20.70	-41.87	.73	-.96	1.60	-3.01	-.08		.12	.12	.180
		22.8	-83.85	-40.04	-91.60	.73	-.82	1.60	-3.01	-1.45		.11	.11	.202
803- 903 JL6- 1		0.0	799.59	775.77	-395.15	6.59	14.24	-210.64	11.31	1.11		.58	.58	.428
		8.1	797.91	1054.12	-729.62	.36	4.54	-210.64	11.29	2.33		.26	.26	.466
		16.2	796.23	1083.45	-481.95	-5.58	-4.45	-210.64	11.26	2.23		.33	.33	.462
		24.3	794.54	840.54	305.15	-10.73	-12.77	-210.64	11.24	1.14		.61	.61	.420
		32.4	792.86	-789.23	1595.20	-15.73	-20.65	-210.64	11.22	2.26		.87	.87	.461

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SELN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 908	200- 1	0.0	500.91	1412.44	203.62	1.03	-10.08	-21.90	13.17	7.99		.59	.59	.709
		14.9	501.00	21.86	52.67	.05	-5.49	-21.90	13.17	.32		.35	.35	.467
		29.8	501.15	-560.72	-29.44	.27	-1.08	-21.90	13.17	3.14		.12	.12	.557
		44.7	501.23	-358.06	-43.22	-.11	2.94	-21.90	13.18	2.19		.22	.22	.527
		59.6	501.32	457.57	5.15	-.41	6.43	-21.90	13.18	2.56		.40	.40	.539
804- 805	100- 1	0.0	-14.46	-20.79	149.84	3.25	-.05	3.39	-1.21	-5.06		.60	.60	.217
		5.7	-14.46	-22.22	-18.12	1.66	.01	3.39	-1.21	-.96		.34	.34	.087
		11.4	-14.46	-19.75	-76.92	.06	.06	3.39	-1.21	-2.66		.07	.07	.141
		17.1	-14.46	-15.34	-26.54	-1.55	.12	3.39	-1.21	-.99		.32	.32	.086
		22.8	-14.46	-3.11	133.00	-3.13	.16	3.39	-1.21	-4.45		.56	.56	.198
804- 806	140- 1	0.0	85.25	-50.15	272.20	4.90	-.41	-13.43	4.02	3.96		.56	.56	.265
		5.7	85.26	-53.49	6.64	2.87	-.27	-13.43	4.02	.78		.37	.37	.164
		11.4	85.25	-66.51	-120.53	.85	-.11	-13.43	4.02	1.99		.18	.18	.203
		17.1	85.25	-56.22	-110.67	-1.14	.06	-13.43	4.02	1.86		.20	.20	.199
		22.8	85.23	-57.66	34.90	-3.12	.25	-13.43	4.02	.98		.39	.39	.170
805- 806	140- 1	0.0	-43.74	-26.06	165.46	1.33	-.60	3.50	-2.06	-2.42		.16	.16	.187
		5.7	-43.74	-62.40	74.37	1.33	-.46	3.50	-2.06	-1.40		.16	.16	.155
		11.4	-43.74	-88.42	-16.72	1.33	-.30	3.50	-2.06	-1.30		.15	.15	.152
		17.1	-43.74	-105.13	-107.41	1.33	-.13	3.50	-2.06	-2.16		.15	.15	.179
		22.8	-43.74	-105.56	-198.90	1.33	.06	3.50	-2.06	-3.26		.15	.15	.213
806- 901	200- 1	0.0	-283.16	-546.25	-1524.19	-13.94	5.21	-56.20	-7.44	-9.09		.91	.91	.703
		14.9	-283.06	-90.02	326.11	-6.68	1.93	-56.20	-7.44	-1.89		.53	.53	.442
		29.8	-283.04	143.93	962.86	-.33	.70	-56.20	-7.44	-5.45		.20	.20	.571
		44.7	-283.00	160.12	477.45	5.67	-.51	-56.20	-7.44	-2.82		.46	.46	.475
		59.6	-282.94	-39.00	-1040.90	11.24	-1.71	-56.20	-7.44	-5.83		.76	.76	.585
806- 908	JL6- 1	0.0	-917.10	-113.97	-750.84	6.34	-15.69	-730.92	-12.97	-.97		.94	.94	.506
		8.1	-918.77	-1230.02	-1158.50	2.12	-7.40	-730.92	-13.00	-2.15		.68	.68	.540
		16.2	-920.47	-1583.55	-1178.80	-1.64	.00	-730.92	-13.02	-2.51		.51	.51	.551
		24.3	-922.16	-1255.45	-851.81	-5.02	8.68	-730.92	-13.05	-1.93		.70	.70	.536
		32.4	-923.85	-309.80	-211.03	-8.09	12.62	-730.92	-13.07	-.48		.89	.89	.496
810- 910	M2- 1	0.0	-220.03	-1083.92	329.14	17.72	6.87	-652.52	-.88	-.46		.29	.29	.047
		8.1	-225.98	-346.89	-1545.20	17.72	7.86	-652.52	-.90	-.80		.29	.29	.052
		16.2	-231.92	400.77	-3119.53	17.72	8.86	-652.52	-.92	-1.31		.29	.29	.076
		24.3	-237.87	1377.06	-4893.87	17.72	9.85	-652.52	-.95	-2.10		.30	.30	.102
		32.4	-243.81	2353.47	-6568.21	17.72	10.84	-652.52	-.97	-2.91		.30	.30	.128
811- 911	M2- 1	0.0	-2280.29	7749.23	1362.61	-2.36	-49.41	-886.05	-9.07	-3.28		.58	.58	.830
		8.1	-2286.24	2488.42	1542.46	-2.36	-48.42	-886.05	-9.10	-1.41		.57	.57	.379
		16.2	-2292.18	-1675.75	1822.52	-2.36	-47.42	-886.05	-9.12	-1.05		.56	.56	.369
		24.3	-2298.13	-6243.30	2052.17	-2.36	-46.43	-886.05	-9.14	-2.74		.55	.55	.417
		32.4	-2304.07	-10714.22	2282.03	-2.36	-45.44	-886.05	-9.17	-4.57		.55	.55	.469

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 12

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	MZ- 1	0.0	1937.70	-6469.96	902.98	-3.07	57.48	-1829.10	7.71	2.72		.68	.68	.354
		8.1	1931.75	-2773.92	1202.17	-3.07	56.47	-1829.10	7.69	1.26		.69	.69	.307
		16.2	1925.91	1018.66	1501.35	-3.07	54.46	-1829.10	7.66	.76		.70	.70	.290
		24.3	1919.56	4907.75	1800.54	-3.07	40.46	-1829.10	7.64	2.16		.70	.70	.338
		32.4	1913.92	8693.48	2099.73	-3.07	41.45	-1829.10	7.62	3.81		.71	.71	.385
901- 902 109- 1		0.0	106.49	-70.11	-344.65	1.05	-.00	19.42	4.37	3.84		.24	.24	.273
		6.9	106.49	-56.01	-398.98	-.33	.08	19.42	4.37	4.42		.13	.13	.291
		13.7	106.49	-56.62	-291.20	-2.29	.10	19.42	4.37	3.24		.29	.29	.254
		20.6	106.49	-41.55	-22.72	-4.25	.21	19.42	4.37	.52		.45	.45	.198
		27.4	106.49	-22.82	405.06	-6.10	.24	19.42	4.37	4.45		.61	.61	.272
901- 904 109- 1		0.0	70.87	135.14	-551.93	1.40	-.66	10.49	2.91	4.12		.22	.22	.231
		6.9	70.85	85.13	-386.51	-.56	-.58	10.49	2.91	4.32		.16	.16	.237
		13.7	70.82	39.01	-259.21	-2.53	-.49	10.49	2.91	2.47		.30	.30	.191
		20.6	70.80	2.78	29.39	-4.49	-.39	10.49	2.91	.52		.46	.46	.111
		27.4	70.77	-25.55	479.46	-6.45	-.30	10.49	2.91	5.25		.62	.62	.267
901-1001 JL9- 1		0.0	5.44	875.11	-1511.55	-10.29	-3.37	-17.49	.08	2.22		.54	.54	.075
		8.1	3.77	577.88	-122.91	-10.33	-2.72	-17.49	.05	.75		.31	.31	.026
		16.2	2.12	340.03	514.11	-2.84	-2.17	-17.49	.03	.78		.11	.11	.026
		24.3	.48	151.19	443.15	4.25	-1.74	-17.49	.01	.60		.14	.14	.019
		32.4	-1.19	-.66	-303.91	11.65	-1.41	-17.49	-.02	-.39		.33	.33	.013
901-1002 100- 1		0.0	-256.58	-557.24	157.36	5.23	3.48	68.17	-9.35	-5.18		.75	.75	.522
		10.6	-256.40	-2.31	-308.79	2.17	1.62	68.17	-9.33	-2.64		.50	.50	.503
		21.1	-256.25	125.18	-402.16	-.07	.20	68.17	-9.32	-3.60		.34	.34	.535
		31.7	-256.09	49.47	-145.36	-3.35	-1.39	68.17	-9.32	-1.32		.55	.55	.456
		42.2	-255.94	-222.66	459.05	-5.07	-2.89	68.17	-9.31	-4.21		.77	.77	.555
901-1004 100- 1		0.0	254.64	207.62	233.04	5.58	-2.88	61.33	9.26	2.67		.72	.72	.406
		10.5	254.54	-51.07	-275.48	2.50	-1.25	61.33	9.27	2.40		.47	.47	.398
		21.1	255.01	-115.28	-408.69	-.37	.22	61.33	9.28	3.63		.29	.29	.437
		31.7	255.16	-1.15	-187.68	-3.10	1.56	61.33	9.28	1.60		.51	.51	.373
		42.2	255.55	275.91	371.50	-5.71	2.80	61.33	9.29	3.95		.72	.72	.447
902- 903 109- 1		0.0	96.22	-24.13	194.25	3.64	.54	-36.43	3.95	2.14		.50	.50	.205
		6.9	96.22	21.42	-26.66	1.75	.57	-36.43	3.95	.37		.35	.35	.149
		13.7	96.22	69.22	-91.09	-.16	.59	-36.43	3.95	1.25		.25	.25	.177
		20.6	96.22	119.26	-.45	-2.04	.62	-36.43	3.95	1.30		.37	.37	.176
		27.4	96.22	171.59	245.65	-3.90	.65	-36.43	3.95	3.26		.52	.52	.240
902- 904 109- 1		0.0	-1.16	30.64	27.10	.12	-.22	-10.69	-.10	-1.37		.22	.22	.048
		6.9	-1.16	12.95	17.12	.12	-.21	-10.69	-.10	-.72		.22	.22	.028
		13.7	-1.16	-3.56	7.15	.12	-.19	-10.69	-.10	-.27		.22	.22	.018
		20.6	-1.16	-17.24	-2.62	.12	-.14	-10.69	-.10	-.56		.21	.21	.024
		27.4	-1.16	-26.69	-12.80	.12	-.08	-10.69	-.10	-.99		.21	.21	.036

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12 — DATE 08/27/76

U.S. NAVY - ALMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
902- 905	109- 1	0.0	14.10	24.17	165.71	2.92	-.08	5.53	1.18	6.20		.58	.58	.237
		6.9	14.11	18.00	-.70	1.57	-.08	5.53	1.19	.60		.36	.36	.060
		13.7	14.12	11.82	-73.94	.21	-.08	5.53	1.19	2.50		.13	.13	.120
		20.6	14.14	5.64	-36.01	-1.14	-.08	5.53	1.19	1.22		.28	.28	.080
		27.4	14.15	-.54	113.08	-2.49	-.08	5.53	1.19	3.78		.51	.51	.161
903- 905	109- 1	0.0	-177.55	300.52	4.49	.10	-1.10	6.08	-7.28	-3.28		.12	.12	.539
		6.9	-177.55	211.13	-3.50	.10	-1.07	6.08	-7.28	-2.31		.12	.12	.499
		13.7	-177.55	125.60	-11.50	.10	-1.01	6.08	-7.28	-1.38		.12	.12	.461
		20.6	-177.55	45.15	-19.49	.10	-.94	6.08	-7.28	-.54		.11	.11	.426
		27.4	-177.55	-20.02	-27.49	.10	-.85	6.08	-7.28	-.44		.10	.10	.421
903-1002	110- 1	0.0	256.17	189.29	-615.17	-6.83	-2.01	33.70	9.32	5.50		.66	.66	.497
		10.6	256.32	4.36	59.10	-5.53	-.92	33.70	9.32	.34		.41	.41	.338
		21.1	256.48	-45.56	285.83	-.59	.12	33.70	9.33	2.47		.17	.17	.402
		31.7	256.63	30.66	144.65	2.60	1.07	33.70	9.34	1.26		.35	.35	.368
		42.2	256.77	220.49	-368.84	5.48	1.91	33.70	9.34	3.67		.57	.57	.440
903-1003	JL9- 1	0.0	113.79	-7.52	2011.62	14.23	12.15	-717.61	1.61	2.56		.99	.99	.137
		8.1	112.11	807.03	857.57	9.52	4.64	-717.61	1.59	1.50		.76	.76	.102
		15.2	110.45	905.79	150.80	5.04	-2.55	-717.61	1.56	1.17		.62	.62	.091
		24.3	108.78	517.32	-129.66	.74	-9.52	-717.61	1.54	.44		.73	.73	.067
		32.4	107.09	-945.27	2.61	-5.44	-16.36	-717.61	1.52	1.20		.93	.93	.090
903-1005	110- 1	0.0	502.41	597.65	107.51	.96	-5.61	-4.96	18.28	5.19		.44	.44	.799
		10.6	502.55	58.34	11.56	.56	-2.93	-4.96	18.28	.51		.24	.24	.651
		21.1	502.73	-149.85	-35.70	.19	-.38	-4.96	18.29	1.32		.05	.05	.677
		31.7	502.91	-42.17	-37.12	-.17	2.06	-4.96	18.29	.48		.17	.17	.651
		42.2	503.05	365.69	6.28	-.52	4.36	-4.96	18.30	3.15		.34	.34	.736
904- 905	109- 1	0.0	-13.06	-22.52	156.78	2.82	-.01	6.67	-1.10	-5.30		.59	.59	.225
		6.9	-13.06	-20.67	-19.08	1.45	.05	6.67	-1.10	-.94		.36	.36	.087
		13.7	-13.06	-14.59	-82.16	.08	.09	6.67	-1.10	-2.79		.13	.13	.146
		20.6	-13.06	-5.69	-32.46	-1.29	.12	6.67	-1.10	-1.10		.33	.33	.092
		27.4	-13.06	4.82	130.01	-2.66	.13	6.67	-1.10	-4.35		.56	.56	.195
904- 906	109- 1	0.0	79.27	-23.98	309.90	4.52	-.37	-34.91	3.26	3.40		.56	.56	.220
		6.9	79.25	-50.58	18.24	2.57	-.28	-34.91	3.25	.59		.40	.40	.132
		13.7	79.23	-69.28	-113.04	.63	-.16	-34.91	3.25	1.45		.24	.24	.159
		20.6	79.23	-80.04	-85.17	-1.30	-.08	-34.91	3.25	1.28		.30	.30	.153
		27.4	79.23	-82.99	100.65	-5.21	.01	-34.91	3.25	1.45		.45	.45	.158
905- 906	109- 1	0.0	-159.29	-20.84	215.61	1.16	-.80	1.97	-8.54	-2.57		.13	.13	.433
		6.9	-159.29	-82.81	120.21	1.16	-.71	1.97	-8.54	-1.80		.12	.12	.416
		13.7	-159.29	-130.88	24.81	1.16	-.61	1.97	-8.54	-1.52		.12	.12	.422
		20.6	-159.29	-165.06	-70.59	1.16	-.51	1.97	-8.54	-2.14		.11	.11	.444
		27.4	-159.29	-221.35	-165.99	1.16	-.42	1.97	-8.54	-3.02		.11	.11	.471

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	180- 1	0.0	-258.21	-270.79	-550.66	-6.47	2.40	42.42	-9.39	-5.09		.68	.68	.589
		10.6	-258.04	-36.05	79.46	-5.19	1.30	42.42	-9.39	-.75		.43	.43	.442
		21.1	-257.88	58.26	205.40	-.08	.19	42.42	-9.38	-2.49		.20	.20	.501
		31.7	-257.72	12.29	104.54	2.92	-.91	42.42	-9.38	-.90		.40	.40	.447
		42.2	-257.54	-172.21	-449.57	5.81	-2.00	42.42	-9.37	-4.11		.63	.63	.555
906-1005	180- 1	0.0	-506.52	-476.69	98.65	.80	5.25	21.81	-18.43	-4.18		.48	.48	1.005
		10.6	-506.35	14.41	20.50	.44	2.53	21.81	-18.42	-.21		.28	.28	.828
		21.1	-506.19	103.83	-12.77	.09	-.16	21.81	-18.41	-1.40		.11	.11	.881
		31.7	-506.03	-22.42	-4.76	-.21	-2.76	21.81	-18.41	-.20		.29	.29	.826
		42.2	-505.83	-532.59	41.81	-.52	-5.26	21.81	-18.40	-4.56		.48	.48	1.021
906-1006	JL9- 1	0.0	-101.56	-1091.61	-418.23	4.09	-4.59	-626.24	-1.44	-1.49		.57	.57	.100
		8.1	-103.24	-1272.46	-677.91	1.29	.79	-626.24	-1.46	-1.83		.44	.44	.112
		16.2	-104.93	-953.77	-677.08	-1.27	5.66	-626.24	-1.48	-1.49		.56	.56	.102
		24.3	-106.60	-182.26	-438.13	-3.62	10.11	-626.24	-1.51	-.60		.70	.70	.075
		32.4	-108.27	1000.49	21.85	-5.81	14.13	-626.24	-1.53	-1.27		.83	.83	.097
1010- 910	P3- 1	0.0	-271.76	-1091.23	13444.78	17.66	6.56	-496.69	-.92	-4.86		.22	.22	.188
		8.1	-264.77	-594.17	11726.20	17.66	7.75	-496.69	-.90	-4.23		.22	.22	.187
		16.2	-257.77	416.36	10007.61	17.66	8.91	-496.69	-.87	-3.61		.22	.22	.187
		24.3	-250.78	1340.36	8289.02	17.66	10.08	-496.69	-.85	-3.03		.23	.23	.127
		32.4	-243.79	2377.64	6570.43	17.66	11.24	-496.69	-.82	-2.52		.23	.23	.110
1011- 911	P3- 1	0.0	-2332.22	55460.05	-3151.32	-2.26	-172.32	-2310.83	-7.89	-20.03		1.56	1.56	.906
		8.1	-2325.23	38745.06	-2931.13	-2.26	-171.15	-2310.83	-7.86	-14.01		1.57	1.57	.716
		16.2	-2318.24	22145.15	-2710.94	-2.26	-169.99	-2310.83	-7.84	-8.05		1.57	1.57	.526
		24.3	-2311.25	5057.91	-2490.76	-2.26	-168.82	-2310.83	-7.82	-2.23		1.56	1.56	.354
		32.4	-2304.25	-10715.06	-2270.57	-2.26	-167.65	-2310.83	-7.79	-3.95		1.55	1.55	.400
1012- 912	P3- 1	0.0	1886.16	-54029.20	-3296.01	-3.07	159.29	-2251.58	6.38	19.52		1.48	1.48	.638
		8.1	1895.17	-38488.92	-2996.82	-3.07	160.46	-2251.58	6.40	13.91		1.49	1.49	.662
		16.2	1900.16	-22795.03	-2697.64	-3.07	161.63	-2251.58	6.43	8.28		1.50	1.50	.485
		24.3	1907.16	-7007.58	-2398.45	-3.07	162.79	-2251.58	6.45	2.67		1.51	1.51	.308
		32.4	1914.15	8693.44	-2099.26	-3.07	163.96	-2251.58	6.47	3.30		1.52	1.52	.329
1001-1002	200- 1	0.0	-7.29	-259.81	-842.75	.66	1.42	-109.72	-.19	-4.94		.39	.39	.166
		8.0	-7.29	-127.21	-797.97	-1.59	1.34	-109.72	-.19	-4.52		.42	.42	.153
		16.0	-7.29	-2.50	-537.64	-3.85	1.26	-109.72	-.19	-3.01		.52	.52	.105
		24.0	-7.29	114.90	-61.73	-6.07	1.18	-109.72	-.19	-.73		.63	.63	.033
		32.0	-7.29	224.41	629.75	-8.52	1.10	-109.72	-.19	-3.74		.75	.75	.128
1001-1004	200- 1	0.0	16.93	240.11	-854.66	.59	-.86	-155.51	.45	4.98		.49	.49	.173
		8.0	16.93	159.20	-801.50	-1.70	-.94	-155.51	.44	4.57		.54	.54	.160
		16.0	16.91	64.59	-529.00	-3.97	-1.02	-155.51	.44	2.98		.65	.65	.110
		24.0	16.91	-37.73	-39.41	-6.22	-1.10	-155.51	.44	.31		.77	.77	.025
		32.0	16.91	-147.74	665.79	-8.45	-1.18	-155.51	.44	3.82		.88	.88	.136

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

U.S. NAVY - ACAN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
104- 105 #06- 1		0.0	-1.17	-1.45	3.08	.01	-.15	-.00	-.17	-.07	.55	.00	.08	.032
		3.0	-1.17	-0.02	2.83	.01	-.06	-.00	-.17	-.29	.51	.00	.03	.037
		7.5	-1.17	-0.85	2.58	.01	.02	-.00	-.17	-.33	.46	.00	.01	.037
		10.9	-1.17	-3.85	2.33	.01	.11	-.00	-.17	-.19	.42	.00	.06	.031
		14.5	-1.17	2.91	2.09	.01	.20	-.00	-.17	.14	.37	.00	.10	.028
104- 106 #10- 1		0.0	-4.57	-241.04	13.86	.13	-.07	.03	-.28	-2.71	1.29	.02	.01	.145
		3.0	-4.57	-207.37	8.11	.13	1.05	.03	-.28	-2.35	.76	.02	.20	.112
		7.5	-4.57	-97.97	2.36	.13	3.38	.03	-.28	-1.10	.22	.02	.52	.054
		10.9	-4.57	80.35	-3.39	.13	5.10	.03	-.28	.97	-.32	.02	.79	.053
		14.5	-4.57	351.74	-9.14	.13	11.82	.03	-.28	5.95	-.85	.02	1.84	.166
105- 106 #10- 1		0.0	-7.38	-216.50	-9.20	-.07	.37	.01	-.46	-2.43	-.87	.01	.06	.126
		3.0	-7.38	-182.74	-6.31	-.07	2.10	.01	-.46	-1.83	-.59	.01	.33	.097
		7.5	-7.38	-34.05	-3.34	-.07	3.82	.01	-.46	-.38	-.31	.01	.59	.042
		10.9	-7.38	169.56	-.38	-.07	5.54	.01	-.46	1.90	-.04	.01	.86	.080
		14.5	-7.38	446.09	2.59	-.07	7.20	.01	-.46	5.03	.24	.01	1.13	.166
106- 206 URL- 1		0.0	-25.60	865.42	-32.35	4.07	-4.04	-84.36	-.26	-1.07		.19	.19	.045
		3.8	-24.76	503.40	-215.57	4.07	-4.04	-84.36	-.27	-.86		.19	.19	.037
		7.5	-25.93	321.37	-398.80	4.07	-4.04	-84.36	-.28	-.80		.19	.19	.036
		11.3	-27.09	139.35	-582.04	4.07	-4.04	-84.36	-.30	-.98		.19	.19	.040
		15.0	-28.25	-42.68	-765.27	4.07	-4.04	-84.36	-.31	-1.20		.19	.19	.049
201- 202 #10- 1		0.0	-17.04	606.07	-73.92	-.63	-10.29	.04	-1.05	6.82	-6.90	.07	1.60	.499
		3.0	-17.04	214.07	-46.54	-.63	-7.80	.04	-1.05	2.41	-4.34	.07	1.21	.271
		7.5	-17.04	-70.71	-14.15	-.63	-5.32	.04	-1.05	-.79	-1.79	.07	.83	.131
		10.9	-17.04	-240.04	8.23	-.63	-2.84	.04	-1.05	-2.78	.77	.07	.44	.159
		14.5	-17.04	-317.43	35.61	-.63	-.35	.04	-1.05	-3.56	3.32	.07	.06	.272
201- 204 #10- 1		0.0	43.52	552.54	-69.17	-.55	-9.92	-.06	2.69	6.20	-6.45	.06	1.54	.513
		3.0	43.52	175.12	-45.06	-.55	-7.44	-.06	2.69	1.97	-4.20	.07	1.16	.301
		7.2	43.52	-94.38	-20.95	-.55	-4.96	-.06	2.69	-1.06	-1.95	.07	.77	.195
		10.9	43.52	-255.96	3.15	-.55	-2.48	-.06	2.69	-2.87	.29	.07	.39	.194
		14.5	43.52	-309.62	27.20	-.55	.01	-.06	2.69	-3.47	2.54	.07	.00	.291
201- 301 URL- 1		0.0	-50.35	-221.10	62.56	-5.14	-40.33	-566.74	-.55	-.36		1.33	1.33	.031
		3.8	-51.52	-2038.15	203.78	-5.14	-40.33	-566.74	-.57	-3.20		1.33	1.33	.122
		7.5	-52.68	-3851.19	345.00	-5.14	-40.33	-566.74	-.58	-6.05		1.33	1.33	.212
		11.3	-53.84	-5659.44	486.22	-5.14	-39.26	-566.74	-.59	-8.89		1.31	1.31	.302
		15.0	-55.00	-7322.01	627.44	-5.14	-38.27	-566.74	-.60	-11.50		1.20	1.20	.385
201- 303 120- 1		0.0	5.58	66.77	-60.11	.78	-1.04	-1.69	.29	1.61		.15	.15	.061
		8.2	5.34	-9.90	-135.32	.78	-.57	-1.69	.28	2.41		.12	.12	.086
		16.3	5.10	-82.41	-212.53	.78	-.10	-1.69	.26	3.42		.10	.10	.130
		24.5	4.86	-23.58	-205.92	-.99	.73	-1.69	.25	4.67		.14	.14	.156
		32.6	4.63	150.46	217.98	-9.49	2.43	-1.69	.24	4.48		1.03	1.03	.150

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 12

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	V SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	-301.61	-183.40	235.75	3.52	1.73	93.53	-9.51	-1.67		.47	.47	.560
		8.0	-301.61	-21.25	4.91	1.29	1.65	93.53	-9.51	-.12		.37	.37	.506
		16.0	-301.61	133.21	-12.28	-.93	1.57	93.53	-9.51	-.75		.36	.36	.534
		24.0	-301.61	279.97	182.26	-3.12	1.49	93.53	-9.51	-1.87		.44	.44	.575
		32.0	-301.61	419.03	505.80	-5.29	1.41	93.53	-9.51	-4.03		.55	.55	.640
1002-1004	140- 1	0.0	-.13	272.80	92.52	.47	-1.29	-37.31	-.01	-5.41		.52	.52	.171
		8.0	-.13	142.95	47.26	.47	-1.41	-37.31	-.01	-2.83		.54	.54	.090
		16.0	-.13	2.52	2.03	.47	-1.52	-37.31	-.01	-.06		.55	.55	.002
		24.0	-.13	-149.09	-43.21	.47	-1.63	-37.31	-.01	-2.91		.56	.56	.092
		32.0	-.13	-311.26	-88.45	.47	-1.74	-37.31	-.01	-6.08		.58	.58	.192
1002-1005	140- 1	0.0	28.61	191.73	270.10	3.50	-.80	15.51	1.78	8.22		.59	.59	.258
		8.0	28.62	126.83	10.24	1.91	-.71	15.51	1.78	2.43		.40	.40	.139
		16.0	28.62	55.15	-96.09	.30	-.82	15.51	1.78	2.08		.25	.25	.128
		24.0	28.61	-29.30	-47.21	-1.32	-.93	15.51	1.78	1.04		.35	.35	.095
		32.0	28.58	-124.54	158.54	-2.96	-1.05	15.51	1.78	3.79		.54	.54	.181
1003-1005	200- 1	0.0	-345.00	814.79	-19.66	.38	-3.31	13.37	-9.07	-4.56		.21	.21	.672
		8.0	-345.00	492.95	-56.56	.38	-3.39	13.37	-9.07	-2.78		.22	.22	.596
		16.0	-345.00	165.41	-93.47	.38	-3.47	13.37	-9.07	-1.05		.22	.22	.519
		24.0	-345.00	-173.84	-130.37	.38	-3.55	13.37	-9.07	-1.22		.23	.23	.524
		32.0	-345.00	-516.78	-167.28	.38	-3.63	13.37	-9.07	-3.05		.23	.23	.604
1004-1005	140- 1	0.0	-28.23	-175.45	261.09	3.47	.86	25.71	-1.76	-5.91		.69	.69	.264
		8.0	-28.23	-96.56	4.90	1.86	.76	25.71	-1.76	-1.82		.49	.49	.135
		16.0	-28.23	-28.45	-47.31	.26	.65	25.71	-1.76	-1.90		.33	.33	.137
		24.0	-28.23	28.88	-45.53	-1.34	.54	25.71	-1.76	-1.01		.42	.42	.109
		32.0	-28.23	75.45	100.23	-2.94	.45	25.71	-1.76	-3.33		.61	.61	.182
1004-1006	200- 1	0.0	371.05	239.61	186.57	3.25	-1.61	33.14	9.75	1.70		.28	.28	.392
		8.0	371.06	80.76	-20.05	1.05	-1.69	33.14	9.75	.47		.20	.20	.353
		16.0	371.08	-85.79	-16.90	-1.21	-1.77	33.14	9.75	.49		.20	.20	.354
		24.0	371.09	-260.04	191.42	-3.22	-1.85	33.14	9.75	1.81		.29	.29	.396
		32.0	371.11	-441.99	600.88	-5.29	-1.93	33.14	9.76	4.17		.39	.39	.471
1005-1006	200- 1	0.0	351.02	315.57	170.10	.39	-2.72	22.82	9.23	2.01		.21	.21	.364
		8.0	351.02	49.90	132.19	.39	-2.80	22.82	9.23	.79		.21	.21	.345
		16.0	351.02	-223.28	94.28	.39	-2.88	22.82	9.23	1.36		.22	.22	.363
		24.0	351.02	-504.16	56.37	.39	-2.96	22.82	9.23	2.84		.22	.22	.410
		32.0	351.02	-792.74	18.46	.39	-3.04	22.82	9.23	4.44		.23	.23	.461

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	CUMB. UNITY CHECK
									KSI					
101- 102	A10- 1	0.0	-5.04	425.41	-68.54	-.58	-7.15	.01	-.31	4.77	-6.39	.07	1.11	.386
		3.6	-5.04	152.67	-43.49	-.58	-5.41	.01	-.31	1.71	-4.06	.07	.84	.208
		7.2	-5.04	-45.17	-18.44	-.58	-3.69	.01	-.31	-.51	-1.72	.07	.57	.089
		10.9	-5.04	-196.19	6.51	-.58	-1.97	.01	-.31	-1.89	.62	.07	.31	.094
		14.5	-5.04	-216.14	31.67	-.58	-.24	.01	-.31	-2.43	2.95	.07	.08	.192
101- 104	A10- 1	0.0	-5.44	423.51	-64.67	-.51	-7.26	-.01	-.34	4.75	-6.03	.06	1.13	.374
		3.6	-5.44	148.57	-42.69	-.51	-5.55	-.01	-.34	1.62	-3.98	.06	.86	.204
		7.2	-5.44	-59.53	-20.71	-.51	-3.83	-.01	-.34	-.67	-1.93	.06	.60	.102
		10.9	-5.44	-196.81	1.27	-.51	-2.11	-.01	-.34	-2.12	.12	.06	.53	.085
		14.5	-5.44	-243.24	23.25	-.51	-.39	-.01	-.34	-2.73	2.17	.06	.06	.176
101- 201	DAL- 1	0.0	-19.41	-300.72	637.27	6.20	5.89	-133.21	-.21	-1.15		.30	.30	.044
		3.8	-20.57	-191.88	208.10	6.20	5.89	-133.21	-.25	-.52		.30	.30	.024
		7.5	-21.73	-17.03	-101.07	6.20	5.89	-133.21	-.24	-.16		.30	.30	.014
		11.3	-22.89	157.82	-470.24	6.20	5.89	-133.21	-.25	-.78		.30	.30	.034
		15.0	-24.06	332.67	-839.41	6.20	5.89	-133.21	-.26	-1.41		.30	.30	.054
102- 103	A10- 1	0.0	-5.18	-214.77	28.50	.47	.11	-.02	-.32	-2.41	2.66	.05	.02	.182
		3.6	-5.18	-172.36	8.06	.47	1.84	-.02	-.32	-1.93	.75	.05	.29	.101
		7.2	-5.18	-55.09	-12.34	.47	3.56	-.02	-.32	-.62	-1.15	.06	.55	.073
		10.9	-5.18	157.15	-32.76	.47	5.28	-.02	-.32	1.58	-3.06	.06	.82	.168
		14.5	-5.18	404.27	-55.18	.47	7.00	-.02	-.32	4.54	-4.96	.06	1.09	.329
102- 104	A06- 1	0.0	.46	1.36	4.26	.06	-.17	.00	.07	.07	.76	.01	.09	.031
		3.6	.46	-4.29	1.61	.06	-.09	.00	.07	-.21	.29	.01	.05	.019
		7.2	.46	-6.19	-1.03	.06	-.00	.00	.07	-.30	-.18	.01	.00	.018
		10.9	.46	-4.30	-3.67	.06	.09	.00	.07	-.21	-.65	.01	.05	.032
		14.5	.46	1.37	-6.31	.06	.17	.00	.07	.07	-1.13	.01	.09	.043
102- 105	A06- 1	0.0	.69	-1.35	-1.09	-.03	-.18	-.00	.10	-.06	-.19	.01	.09	.012
		3.6	.69	-7.43	.23	-.03	-.10	-.00	.10	-.36	.04	.01	.05	.016
		7.2	.69	-9.72	1.56	-.03	-.01	-.00	.10	-.47	.28	.01	.00	.028
		10.9	.69	-8.24	2.88	-.03	.08	-.00	.10	-.40	.51	.01	.04	.038
		14.5	.69	-2.97	4.21	-.03	.16	-.00	.10	-.14	.75	.01	.08	.036
103- 105	A10- 1	0.0	-8.34	383.16	47.14	.36	-6.87	.03	-.51	4.30	4.40	.04	1.07	.310
		3.6	-8.34	121.75	31.40	.36	-5.15	.03	-.51	1.37	2.94	.04	.80	.167
		7.2	-8.34	-84.87	15.79	.36	-3.43	.03	-.51	-.73	1.47	.04	.53	.096
		10.9	-8.34	-178.83	.11	.36	-1.71	.03	-.51	-1.98	.01	.04	.27	.085
		14.5	-8.34	-215.55	-15.57	.36	.01	.03	-.51	-2.40	-1.45	.04	.00	.148
103- 203	DAL- 1	0.0	-18.87	-331.78	-595.95	-9.67	6.57	100.32	-.21	-1.07		.34	.34	.041
		3.8	-20.04	-36.20	-160.99	-9.67	6.57	100.32	-.22	-.26		.34	.34	.016
		7.5	-21.20	259.39	273.96	-9.67	6.57	100.32	-.23	-.59		.34	.34	.027
		11.3	-22.36	554.97	708.92	-9.67	6.57	100.32	-.25	-1.41		.34	.34	.053
		15.0	-23.52	850.55	1143.48	-9.67	6.57	100.32	-.26	-2.23		.34	.34	.080

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
202- 203 W10- 1		0.0	-17.23	-326.19	31.50	.51	.07	-.04	-1.06	-3.68	2.92	.06	.01	.203
		3.6	-17.23	-271.16	9.23	.51	2.55	-.04	-1.06	-3.04	.86	.06	.40	.171
		7.3	-17.23	-190.11	-12.84	.51	5.04	-.04	-1.06	-1.19	-1.20	.06	.78	.124
		10.9	-17.23	166.95	-35.01	.51	7.52	-.04	-1.06	1.87	-3.27	.06	1.17	.217
		14.5	-17.23	548.03	-57.13	.51	10.00	-.04	-1.06	6.15	-5.33	.06	1.55	.424
202- 204 W08- 1		0.0	.46	-10.69	5.15	.07	-.18	.00	.07	-.51	.92	.01	.09	.050
		3.6	.46	-10.43	2.17	.07	-.09	.00	.07	-.79	.34	.01	.05	.041
		7.2	.46	-10.40	-.81	.07	-.00	.00	.07	-.80	-.14	.01	.00	.035
		10.9	.46	-10.59	-3.79	.07	.09	.00	.07	-.80	-.68	.01	.04	.051
		14.5	.46	-10.98	-6.77	.07	.17	.00	.07	-.53	-1.21	.01	.09	.061
202- 205 W08- 1		0.0	.79	10.79	-.84	-.03	-.25	-.02	.11	.52	-.16	.01	.13	.027
		3.6	.79	1.96	.01	-.03	-.16	-.02	.11	.09	.11	.01	.09	.011
		7.2	.79	-3.10	2.11	-.03	-.07	-.02	.11	-.15	.36	.01	.04	.022
		10.9	.79	-4.37	3.01	-.03	.01	-.02	.11	-.21	.65	.01	.02	.033
		14.5	.79	-1.00	5.11	-.03	.10	-.02	.11	-.09	.91	.01	.06	.038
203- 205 W10- 1		0.0	-25.73	1215.45	50.15	.37	-22.15	-.06	-1.59	13.64	8.68	.04	3.48	.600
		3.6	-25.73	575.54	33.84	.37	-10.50	-.06	-1.59	4.21	3.16	.04	2.56	.309
		7.2	-25.73	-219.37	17.56	.37	-10.87	-.06	-1.59	-2.46	1.64	.04	1.69	.201
		10.9	-25.73	-569.30	1.27	.37	-5.23	-.06	-1.59	-6.39	.12	.04	.81	.273
		14.5	-25.73	-874.25	-15.01	.37	.40	-.06	-1.59	-7.57	-1.40	.04	.06	.356
203- 305 URL- 1		0.0	-108.02	-357.10	-179.50	1.03	-44.52	335.88	-1.19	-.60		1.24	1.24	.062
		3.8	-109.18	-2340.39	-252.49	1.03	-44.52	335.88	-1.20	-3.68		1.24	1.24	.160
		7.5	-110.35	-4343.62	-326.27	1.03	-44.52	335.88	-1.21	-6.81		1.24	1.24	.259
		11.3	-111.51	-6340.05	-399.65	1.03	-43.40	335.88	-1.22	-9.94		1.22	1.22	.358
		15.0	-112.67	-8191.82	-473.03	1.03	-38.45	335.88	-1.24	-12.44		1.11	1.11	.450
203- 306 LEG- 1		0.0	95.49	200.79	147.72	.21	-2.25	10.09	4.96	4.40		.33	.33	.311
		8.2	95.25	5.25	127.91	.21	-1.78	10.09	4.95	2.25		.28	.28	.243
		16.3	95.01	-144.13	107.50	.21	-1.29	10.09	4.94	3.17		.23	.23	.272
		24.5	94.76	-221.00	88.07	1.35	.73	10.09	4.92	4.09		.25	.25	.300
		32.8	94.52	111.84	-245.69	5.22	6.25	10.09	4.91	4.73		.94	.94	.320
204- 205 W08- 1		0.0	-1.25	11.02	2.42	-.01	-.26	.01	-.18	.58	.48	.00	.12	.068
		3.6	-1.25	2.94	2.07	-.01	-.14	.01	-.18	.14	.48	.00	.08	.033
		7.3	-1.25	-1.55	2.42	-.01	-.00	.01	-.18	-.06	.52	.01	.03	.032
		10.9	-1.25	-1.00	3.17	-.01	.03	.01	-.18	-.09	.57	.01	.02	.036
		14.5	-1.25	1.42	3.42	-.01	.12	.01	-.18	.07	.61	.01	.07	.035
204- 206 W10- 1		0.0	44.43	-320.65	18.07	.18	.41	.07	2.74	-3.60	1.69	.02	.06	.208
		3.6	44.43	-240.65	10.20	.18	2.69	.07	2.74	-2.79	.95	.02	.45	.217
		7.3	44.43	-94.42	2.34	.18	5.36	.07	2.74	-.77	.22	.02	.04	.327
		10.9	44.43	210.80	-5.53	.18	8.04	.07	2.74	2.06	-.52	.02	1.22	.191
		14.5	44.43	826.19	-13.39	.18	10.44	.07	2.74	6.99	-1.65	.02	2.62	.359

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406 DRL- 1		0.0	11.61	-10667.89	1309.59	9.79	47.72	-69.51	.13	16.81		1.12	1.12	.535
		7.1	9.40	-6149.76	472.70	9.79	58.28	-69.51	.10	9.65		1.35	1.35	.308
		14.2	7.19	-647.79	-364.19	9.79	70.73	-69.51	.08	1.16		1.62	1.62	.039
		21.4	4.98	5942.09	-1201.08	9.79	83.08	-69.51	.05	9.48		1.89	1.89	.301
		28.5	2.77	13494.48	-2037.96	9.79	95.25	-69.51	.03	21.35		2.11	2.11	.675
401- 501 JL4- 1		0.0	1256.06	-3422.41	-15835.35	62.58	-23.43	111.95	4.86	5.71		.55	.55	.389
		1.1	1255.08	-3750.49	-16708.14	64.94	-24.50	111.95	4.86	6.04		.57	.57	.359
		2.3	1254.11	-4042.93	-17612.86	67.25	-25.53	111.95	4.85	6.37		.59	.59	.370
		3.4	1253.15	-4449.52	-18548.76	69.50	-26.54	111.95	4.85	6.72		.60	.60	.381
		4.6	1252.16	-4819.27	-19515.07	71.68	-27.51	111.95	4.85	7.09		.62	.62	.392
401- 510 PI- 1		0.0	-1355.76	-3573.18	8106.27	2.73	-8.81	-110.20	-6.12	-4.14		.11	.11	.343
		1.1	-1354.60	-3693.01	8068.79	2.73	-8.67	-110.20	-6.12	-4.15		.11	.11	.344
		2.3	-1355.45	-3810.91	8031.30	2.73	-8.52	-110.20	-6.13	-4.16		.11	.11	.344
		3.4	-1356.30	-3926.87	7993.81	2.73	-8.38	-110.20	-6.13	-4.17		.11	.11	.344
		4.6	-1357.15	-4040.89	7956.33	2.73	-8.24	-110.20	-6.13	-4.17		.10	.10	.345
403- 503 JL4- 1		0.0	1218.42	-3536.80	18348.54	-76.80	-39.97	-674.13	4.79	6.59		.80	.80	.374
		1.1	1217.45	-4092.95	19415.93	-79.16	-41.03	-674.13	4.79	6.99		.82	.82	.387
		2.3	1216.48	-4661.67	20515.28	-81.46	-42.06	-674.13	4.78	7.42		.84	.84	.400
		3.4	1215.50	-5244.34	21645.76	-83.71	-43.07	-674.13	4.78	7.85		.86	.86	.414
		4.6	1214.53	-5840.56	22806.68	-85.90	-44.04	-674.13	4.78	8.30		.88	.88	.428
403- 511 PI- 1		0.0	-1372.95	-3959.94	-8898.52	-4.19	-6.75	-90.96	-6.20	-4.56		.09	.09	.359
		1.1	-1373.79	-4081.53	-8837.07	-4.19	-6.61	-90.96	-6.21	-4.55		.09	.09	.359
		2.3	-1374.64	-4171.17	-8779.62	-4.19	-6.46	-90.96	-6.21	-4.55		.09	.09	.359
		3.4	-1375.49	-4258.88	-8722.16	-4.19	-6.32	-90.96	-6.22	-4.54		.09	.09	.359
		4.6	-1376.34	-4344.65	-8664.71	-4.19	-6.18	-90.96	-6.22	-4.53		.09	.09	.359
406- 506 JL4- 1		0.0	-2235.46	6094.23	-1956.77	9.92	83.82	-205.28	-8.79	-2.26		.70	.70	.377
		1.1	-2236.43	7256.65	-2092.55	9.92	86.32	-205.28	-8.80	-2.66		.72	.72	.390
		2.3	-2237.40	8456.86	-2228.33	9.92	88.76	-205.28	-8.80	-3.08		.74	.74	.403
		3.4	-2238.37	9687.98	-2364.11	9.92	91.13	-205.28	-8.80	-3.52		.76	.76	.417
		4.6	-2239.33	10951.13	-2499.89	9.92	93.44	-205.28	-8.81	-3.96		.78	.78	.431
406- 512 PI- 1		0.0	2253.52	7400.25	-42.15	-.13	8.51	-198.11	10.18	3.46		.12	.12	.463
		1.1	2252.67	7517.93	-40.53	-.13	8.65	-198.11	10.18	3.52		.12	.12	.465
		2.3	2251.82	7637.55	-38.50	-.13	8.79	-198.11	10.18	3.57		.13	.13	.466
		3.4	2250.98	7759.10	-36.68	-.13	8.93	-198.11	10.17	3.63		.13	.13	.468
		4.6	2250.13	7882.58	-34.88	-.13	9.07	-198.11	10.17	3.69		.13	.13	.470
501- 502 I65- 1		0.0	-173.12	320.42	-565.13	-1.08	-4.46	152.07	-5.73	-5.82		.98	.98	.401
		5.8	-173.12	152.71	-457.72	-3.65	-3.80	152.07	-5.73	-4.27		1.03	1.03	.356
		7.6	-173.12	-25.22	-233.25	-6.23	-3.15	152.07	-5.73	-2.10		1.14	1.14	.296
		11.4	-173.12	-153.37	108.28	-8.80	-2.49	152.07	-5.73	-1.68		1.29	1.29	.267
		15.1	-173.12	-251.73	506.86	-11.38	-1.84	152.07	-5.73	-5.55		1.44	1.44	.392

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504	105- 1	0.0	261.79	1215.83	-662.90	-4.12	-8.47	65.77	8.67	12.40		.92	.92	.693
		3.8	261.80	845.87	-446.90	-5.39	-7.81	65.77	8.67	8.57		.92	.92	.572
		7.6	261.81	506.12	-173.05	-6.66	-7.14	65.77	8.67	4.79		.94	.94	.452
		11.4	261.82	196.99	158.64	-7.94	-6.46	65.77	8.67	2.26		.97	.97	.373
		15.1	261.83	-81.08	548.16	-9.21	-5.77	65.77	8.67	4.96		1.01	1.01	.458
501- 601	JL5- 1	0.0	1154.90	-3665.54	-17776.54	-116.23	17.40	133.19	8.11	11.43		1.69	1.69	.642
		1.5	1154.18	-3560.29	-15681.57	-113.42	16.07	133.19	8.10	10.10		1.64	1.64	.600
		3.0	1153.45	-3270.93	-13637.34	-110.67	14.78	133.19	8.10	8.81		1.60	1.60	.559
		4.6	1156.72	-3020.77	-11642.56	-108.00	13.53	133.19	8.09	7.56		1.56	1.56	.520
		6.1	1155.99	-2785.12	-9695.94	-105.40	12.31	133.19	8.09	6.34		1.53	1.53	.481
501- 622	200- 1	0.0	16.94	212.32	1599.89	18.10	-3.01	214.96	.50	9.03		1.57	1.57	.302
		5.1	18.55	54.11	622.72	13.65	-2.16	214.96	.49	3.50		1.34	1.34	.127
		10.2	18.16	-52.28	-100.21	9.80	-1.32	214.96	.48	.63		1.12	1.12	.037
		15.3	17.76	-107.55	-581.22	5.94	-.49	214.96	.47	3.31		.91	.91	.121
		20.4	17.37	-113.27	-831.58	2.26	.30	214.96	.46	4.70		.72	.72	.164
502- 503	105- 1	0.0	-177.33	-254.32	536.13	10.97	1.13	-122.27	-5.87	-5.31		1.28	1.28	.392
		3.8	-177.33	-188.18	95.96	8.40	1.78	-122.27	-5.87	-1.89		1.12	1.12	.299
		7.6	-177.33	-92.27	-227.15	5.82	2.44	-122.27	-5.87	-2.20		.97	.97	.305
		11.4	-177.33	33.43	-433.20	3.25	3.09	-122.27	-5.87	-3.89		.84	.84	.351
		15.1	-177.33	188.90	-522.20	.67	3.75	-122.27	-5.87	-4.97		.80	.80	.398
502- 504	105- 1	0.0	9.50	126.38	-8.51	-1.25	-1.45	-46.67	.80	4.30		1.10	1.10	.164
		3.8	9.50	66.67	29.55	-.42	-1.18	-46.67	.80	2.50		.99	.99	.107
		7.6	9.49	21.45	29.43	.45	-.90	-46.67	.80	1.22		.95	.95	.066
		11.4	9.48	-12.85	-9.24	1.28	-.61	-46.67	.80	.53		1.02	1.02	.048
		15.2	9.46	-55.65	-86.62	2.14	-.31	-46.67	.79	3.12		1.14	1.14	.126
502- 505	105- 1	0.0	17.81	134.29	39.24	1.33	-1.52	47.10	1.50	4.66		1.13	1.13	.200
		3.8	17.80	71.45	-2.07	.49	-1.25	47.10	1.50	2.59		1.01	1.01	.127
		7.6	17.80	21.10	-5.20	-.35	-.97	47.10	1.49	.73		.96	.96	.075
		11.4	17.79	-16.34	30.23	-1.21	-.68	47.10	1.49	1.15		1.02	1.02	.088
		15.2	17.77	-40.43	104.57	-2.07	-.38	47.10	1.49	3.75		1.14	1.14	.170
503- 505	105- 1	0.0	-136.72	1115.17	601.35	2.02	-8.07	-94.80	-4.53	-11.34		.98	.98	.515
		3.8	-136.71	765.46	480.46	3.50	-7.41	-94.80	-4.53	-8.08		.96	.96	.417
		7.6	-136.71	441.94	301.72	4.57	-6.74	-94.80	-4.53	-4.79		.96	.96	.324
		11.4	-136.70	151.06	65.14	5.64	-6.06	-94.80	-4.53	-1.47		.98	.98	.250
		15.1	-136.69	-108.76	-229.29	7.12	-5.37	-94.80	-4.53	-2.27		1.02	1.02	.251
503- 603	JL5- 1	0.0	806.52	-4219.65	20454.83	133.89	22.52	-60.48	6.06	13.12		1.92	1.92	.625
		1.5	805.59	-3821.01	18037.70	131.07	21.19	-60.48	6.06	11.58		1.88	1.88	.576
		3.0	804.66	-3446.24	15671.52	128.33	19.90	-60.48	6.05	10.08		1.84	1.84	.528
		4.6	804.13	-3094.08	13358.38	125.65	18.65	-60.48	6.05	8.61		1.80	1.80	.482
		6.1	803.40	-2765.62	11085.80	123.05	17.43	-60.48	6.04	7.16		1.76	1.76	.436

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	493.53	1796.94	-360.10	-6.65	-15.47	-131.25	12.97	10.26		1.25	1.25	.774
		5.1	493.15	955.73	-14.08	-4.76	-12.24	-131.25	12.96	5.35		1.06	1.06	.619
		10.1	492.78	307.28	220.62	-2.98	-9.12	-131.25	12.95	2.12		.87	.87	.517
		15.2	492.41	-155.25	350.62	-1.51	-6.12	-131.25	12.94	2.15		.70	.70	.517
		20.3	492.03	-436.17	381.67	.24	-3.21	-131.25	12.93	3.25		.54	.54	.552
504- 505	105- 1	0.0	-27.38	-86.06	83.89	3.01	-.68	-.03	-2.30	-3.20		.52	.52	.195
		3.8	-27.38	-70.30	-14.31	1.51	-.38	-.03	-2.30	-2.40		.23	.23	.170
		7.6	-27.38	-80.76	-34.95	-.40	-.08	-.03	-2.30	-2.94		.07	.07	.187
		11.4	-27.38	-77.42	21.98	-2.10	.22	-.03	-2.30	-2.69		.36	.36	.179
		15.2	-27.38	-80.30	156.48	-3.81	.53	-.03	-2.30	-5.61		.65	.65	.271
504- 506	105- 1	0.0	284.70	-34.51	377.48	5.71	-5.40	-26.77	9.43	3.39		.64	.64	.435
		3.8	284.71	-264.20	146.51	4.45	-4.70	-26.77	9.43	2.70		.55	.55	.413
		7.6	284.72	-461.94	-27.52	3.21	-4.00	-26.77	9.43	4.14		.46	.46	.458
		11.4	284.73	-627.32	-145.59	1.99	-3.28	-26.77	9.43	5.77		.37	.37	.510
		15.2	284.75	-759.89	-208.67	.79	-2.55	-26.77	9.43	7.06		.30	.30	.550
505- 506	105- 1	0.0	-109.03	-58.06	31.76	-.40	-5.22	16.03	-3.61	-.59		.42	.42	.167
		3.8	-109.02	-279.74	21.27	.86	-4.53	16.03	-3.61	-2.51		.38	.38	.221
		7.6	-109.01	-469.48	-48.14	2.10	-3.82	16.03	-3.61	-4.22		.36	.36	.270
		11.4	-109.00	-626.84	-169.52	3.32	-3.10	16.03	-3.61	-5.81		.37	.37	.314
		15.2	-108.99	-751.40	-347.89	4.52	-2.38	16.03	-3.61	-7.41		.41	.41	.359
506- 606	JL5- 1	0.0	-1967.00	8343.08	-2441.95	-16.31	-52.71	-352.21	-13.76	-5.46		.88	.88	.650
		1.5	-1967.72	7407.34	-2144.21	-16.31	-49.83	-352.21	-13.77	-4.84		.84	.84	.631
		3.0	-1968.45	6523.37	-1846.48	-16.31	-47.04	-352.21	-13.77	-4.26		.81	.81	.613
		4.6	-1969.17	5689.78	-1548.75	-16.31	-44.31	-352.21	-13.78	-3.70		.77	.77	.595
		6.1	-1969.90	4905.15	-1251.02	-16.31	-41.66	-352.21	-13.78	-3.18		.74	.74	.579
509- 624	200- 1	0.0	-499.29	-1064.71	-1002.57	-10.11	6.69	-92.13	-13.10	-8.18		.90	.90	.722
		5.1	-498.69	-684.41	-454.81	-7.95	5.84	-92.13	-13.11	-4.60		.78	.78	.621
		10.1	-499.08	-354.68	-35.58	-5.87	5.03	-92.13	-13.12	-1.99		.66	.66	.547
		15.2	-499.46	-75.05	259.88	-3.87	4.25	-92.13	-13.13	-1.51		.56	.56	.534
		20.2	-499.83	162.78	454.89	-1.91	3.52	-92.13	-13.14	-2.60		.47	.47	.565
510- 710	P1- 1	0.0	-1357.18	-4090.23	7930.85	4.20	27.57	-249.45	-6.13	-4.17		.31	.31	.345
		6.3	-1361.88	-1964.23	7611.64	4.20	28.35	-249.45	-6.15	-3.68		.32	.32	.330
		12.7	-1366.98	-1990.11	5498.78	8.93	26.44	-833.59	-6.18	-1.88		.45	.45	.277
		19.0	-1371.06	86.05	2819.86	8.93	27.12	-833.59	-6.20	-1.32		.45	.45	.263
		25.3	-1375.15	2134.01	2140.93	8.93	27.80	-833.59	-6.21	-1.41		.46	.46	.266
511- 711	P1- 1	0.0	-1378.37	-4398.60	-8637.25	-5.66	32.92	174.97	-6.22	-4.53		.34	.34	.359
		6.3	-1381.07	-1865.57	-8206.81	-5.66	33.71	174.97	-6.24	-3.94		.35	.35	.341
		12.7	-1384.17	-1484.40	-3962.72	-10.39	31.79	759.11	-6.26	-1.99		.48	.48	.283
		19.0	-1390.26	958.60	-3192.56	-10.39	32.47	759.11	-6.28	-1.56		.49	.49	.272
		25.3	-1394.35	3453.74	-2402.40	-10.39	33.16	759.11	-6.30	-1.97		.49	.49	.284

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
512- 712	P1- 1	0.0	2250.22	7882.58	-30.82	-.13	-62.10	-244.51	10.17	3.69		.62	.62	.470
		6.3	2245.52	3190.84	-24.73	-.13	-61.31	-244.51	10.15	1.49		.61	.61	.400
		12.7	2241.76	2498.26	-18.64	-.13	-55.15	-244.51	10.13	1.40		.56	.56	.396
		19.0	2237.65	-1179.28	-8.54	-.13	-54.47	-244.51	10.11	.55		.55	.55	.369
		25.3	2233.54	-5294.97	5.55	-.13	-53.79	-244.51	10.09	2.48		.54	.54	.429
601- 621 JL6- 1		0.0	1142.58	-2884.13	-9925.32	-81.75	19.29	-487.34	7.99	6.49		1.33	1.33	.483
		1.5	1141.85	-2542.63	-8456.65	-79.21	18.12	-487.34	7.99	5.55		1.29	1.29	.453
		3.0	1141.12	-2222.58	-7053.92	-76.72	16.98	-487.34	7.98	4.63		1.25	1.25	.424
		4.6	1140.39	-1922.65	-5656.08	-74.29	15.87	-487.34	7.98	3.75		1.22	1.22	.396
		6.1	1139.66	-1643.12	-4522.07	-71.92	14.79	-487.34	7.97	2.90		1.18	1.18	.369
603- 623 JL6- 1		0.0	850.73	-2840.90	11279.17	99.05	24.69	565.37	5.95	7.31		1.61	1.61	.437
		1.5	849.99	-2400.99	9494.77	96.51	23.52	565.37	5.95	6.15		1.57	1.57	.401
		3.0	849.26	-1982.12	7756.31	94.02	22.38	565.37	5.94	5.03		1.53	1.53	.365
		4.6	848.54	-1583.78	6062.73	91.59	21.27	565.37	5.94	3.94		1.49	1.49	.330
		6.1	847.81	-1205.43	4412.99	89.22	20.20	565.37	5.93	2.87		1.46	1.46	.297
606- 626 JL6- 1		0.0	-1969.75	4905.15	-1252.15	-16.31	-48.07	-348.15	-13.78	-3.18		.82	.82	.579
		1.5	-1970.49	4051.80	-954.58	-16.31	-45.50	-348.15	-13.79	-2.62		.79	.79	.561
		3.0	-1971.22	3244.60	-657.01	-16.31	-42.94	-348.15	-13.79	-2.08		.75	.75	.545
		4.6	-1971.95	2483.01	-359.44	-16.31	-40.54	-348.15	-13.80	-1.58		.72	.72	.529
		6.1	-1972.66	1765.31	-61.87	-16.31	-38.15	-348.15	-13.80	-1.11		.69	.69	.514
621- 651 JL6- 1		0.0	1139.70	-1884.85	-4314.57	-70.90	16.75	-479.92	7.97	2.91		1.17	1.17	.369
		1.5	1139.06	-1373.95	-3052.83	-67.41	15.15	-479.92	7.97	2.10		1.12	1.12	.343
		3.0	1138.42	-1111.79	-1854.04	-64.00	13.60	-479.92	7.96	1.36		1.07	1.07	.319
		4.6	1137.79	-877.59	-716.73	-60.68	12.08	-479.92	7.96	.71		1.02	1.02	.299
		6.1	1137.16	-670.57	360.57	-57.45	10.62	-479.92	7.96	.48		.97	.97	.291
622- 703 200- 1		0.0	17.36	-112.87	-829.17	2.25	.50	224.33	.46	4.68		.75	.75	.164
		5.4	17.41	-74.62	-795.73	-3.28	.67	224.33	.46	4.46		.80	.80	.157
		10.9	17.44	-25.59	-406.93	-8.51	.83	224.33	.46	2.28		1.08	1.08	.088
		16.3	17.47	33.66	312.19	-13.47	.99	224.33	.46	1.76		1.34	1.34	.071
		21.8	17.49	103.29	1346.96	-18.19	1.14	224.33	.46	7.56		1.59	1.59	.255
623- 653 JL6- 1		0.0	847.85	-1227.69	4407.77	86.42	21.83	556.17	5.93	2.87		1.45	1.45	.297
		1.5	847.21	-844.10	2825.46	84.93	20.23	556.17	5.93	1.85		1.40	1.40	.264
		3.0	846.57	-489.25	1308.11	81.52	18.67	556.17	5.92	.88		1.35	1.35	.233
		4.6	845.94	-162.37	-148.77	78.19	17.16	556.17	5.92	.14		1.30	1.30	.210
		6.1	845.31	137.33	-1545.64	74.95	15.70	556.17	5.91	.97		1.25	1.25	.236
624- 701 200- 1		0.0	-499.83	162.74	434.94	-1.61	3.68	-91.96	-13.14	-2.60		.47	.47	.570
		5.5	-499.81	326.07	451.95	1.27	1.37	-91.96	-13.14	-3.13		.36	.36	.585
		11.0	-499.76	345.19	271.43	4.19	-.83	-91.96	-13.14	-2.46		.48	.48	.566
		16.5	-499.71	221.21	-97.08	6.96	-2.92	-91.96	-13.14	-1.35		.66	.66	.534
		21.9	-499.67	-57.27	-644.50	9.65	-4.91	-91.96	-13.13	-5.61		.83	.83	.599

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706 200- 1		0.0	492.03	-430.25	381.45	.01	-3.03	-131.63	12.93	3.25		.53	.53	.552
		5.5	492.07	-525.02	249.90	2.45	.36	-131.63	12.93	3.38		.50	.50	.556
		11.0	492.08	-395.64	63.20	4.72	3.58	-131.63	12.94	2.24		.68	.68	.520
		16.4	492.11	-63.68	-314.34	6.85	6.52	-131.63	12.94	1.82		.87	.87	.507
		21.9	492.14	457.84	-835.22	8.84	9.30	-131.63	12.94	5.33		1.04	1.04	.618
626- 656 JL6- 1		0.0	-1972.74	1765.31	-61.51	-16.31	-34.95	-348.25	-13.80	-1.11		.65	.65	.514
		1.5	-1973.38	1156.58	236.34	-16.31	-31.78	-348.25	-13.81	-.74		.61	.61	.504
		3.0	-1974.02	605.06	533.99	-16.31	-28.60	-348.25	-13.81	-.51		.57	.57	.498
		4.6	-1974.65	109.22	831.65	-16.31	-25.68	-348.25	-13.81	-.53		.53	.53	.498
		6.1	-1975.29	-352.51	1129.30	-16.31	-22.76	-348.25	-13.82	-.74		.50	.50	.504
651- 701 JL6- 1		0.0	1192.89	-884.81	-529.91	-13.07	10.41	-1277.66	8.35	.48		.64	.64	.375
		1.8	1192.16	-483.42	-91.58	-9.55	8.76	-1277.66	8.34	.31		.58	.58	.299
		3.5	1191.42	-310.52	68.98	-5.72	7.19	-1277.66	8.33	.20		.53	.53	.296
		5.3	1190.69	-174.04	153.06	-2.19	5.64	-1277.66	8.33	.15		.49	.49	.294
		7.1	1189.95	-70.10	182.76	1.27	4.13	-1277.66	8.32	.11		.46	.46	.293
653- 703 JL6- 1		0.0	865.44	22.25	-840.66	30.49	17.22	1361.68	6.19	.53		.92	.92	.232
		1.8	864.71	371.56	-1450.11	26.77	15.59	1361.68	6.19	.94		.86	.86	.245
		3.5	863.97	686.57	-1981.39	23.14	14.00	1361.68	6.18	1.32		.81	.81	.256
		5.3	863.23	968.17	-2436.39	19.61	12.45	1361.68	6.18	1.65		.75	.75	.267
		7.1	862.49	1217.23	-2817.02	16.15	10.94	1361.68	6.17	1.93		.70	.70	.275
656- 706 JL6- 1		0.0	-1975.30	-352.51	1129.46	-16.31	-21.84	-347.73	-13.82	-.74		.49	.49	.505
		1.8	-1976.04	-782.12	1476.74	-16.31	-18.53	-347.73	-13.82	-1.04		.45	.45	.513
		3.5	-1976.77	-1122.27	1824.03	-16.31	-15.32	-347.73	-13.83	-1.35		.42	.42	.523
		5.3	-1977.51	-1415.05	2171.32	-16.31	-12.20	-347.73	-13.83	-1.63		.39	.39	.532
		7.1	-1978.24	-1662.64	2518.60	-16.31	-9.18	-347.73	-13.84	-1.89		.37	.37	.540
701- 702 137- 1		0.0	-66.79	73.47	29.84	4.07	-.77	21.66	-3.47	-1.41		.62	.62	.218
		4.7	-66.79	34.52	-125.30	1.44	-.63	21.66	-3.47	-2.29		.35	.35	.237
		9.4	-66.79	2.72	-132.62	-1.18	-.50	21.66	-3.47	-2.34		.32	.32	.238
		14.1	-66.79	-21.42	7.87	-3.81	-.36	21.66	-3.47	-.40		.59	.59	.186
		18.8	-66.79	-37.91	296.17	-6.44	-.22	21.66	-3.47	-5.26		.86	.86	.319
701- 704 137- 1		0.0	2.95	147.47	-108.42	1.03	-1.15	-2.56	.15	3.23		.18	.18	.107
		4.7	2.96	80.90	-129.47	-.28	-1.00	-2.56	.15	2.75		.13	.13	.092
		9.4	2.97	34.64	-77.23	-1.58	-.85	-2.56	.15	1.49		.21	.21	.052
		14.1	2.97	-8.64	48.31	-2.88	-.69	-2.56	.15	.87		.33	.33	.033
		18.8	2.98	-42.30	247.14	-4.18	-.51	-2.56	.15	8.42		.46	.46	.145
701- 801 JL7- 1		0.0	632.49	1098.25	499.24	-24.83	6.09	-417.53	8.95	1.53		.99	.99	.359
		7.1	631.02	1366.67	2085.82	-12.58	.56	-417.53	8.93	3.17		.62	.62	.410
		14.2	629.57	1170.74	2872.77	-1.45	-4.79	-417.53	8.91	3.71		.41	.41	.427
		21.3	628.10	566.81	2356.50	8.70	-9.46	-417.53	8.89	3.06		.63	.63	.406
		28.4	626.65	-424.79	1214.62	17.98	-13.71	-417.53	8.87	1.68		.91	.91	.360

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
701- 806	200- 1	0.0	432.13	1139.72	478.77	7.70	-11.62	-3.84	11.36	6.92		.74	.74	.613
		12.5	432.21	-103.68	-327.09	3.09	-5.80	-3.84	11.36	2.05		.36	.36	.459
		25.1	432.30	-634.22	-475.44	-1.02	-.54	-3.84	11.36	8.44		.07	.07	.535
		37.6	432.38	-356.75	-48.96	-4.55	4.14	-3.84	11.37	2.02		.33	.33	.458
		50.2	432.44	581.72	876.80	-7.08	8.24	-3.84	11.37	5.89		.60	.60	.581
702- 703	137- 1	0.0	-66.13	-40.92	311.51	6.81	.23	-14.18	-3.44	-5.54		.83	.83	.325
		4.7	-66.13	-24.01	1.91	4.19	.37	-14.18	-3.44	-.42		.56	.56	.185
		9.4	-66.13	.56	-159.46	1.56	.50	-14.18	-3.44	-2.82		.30	.30	.250
		14.1	-66.13	32.79	-173.85	-1.06	.64	-14.18	-3.44	-3.12		.25	.25	.258
		18.8	-66.13	72.67	-40.00	-3.69	.78	-14.18	-3.44	-1.46		.52	.52	.215
702- 704	107- 1	0.0	9.57	15.80	-96.54	-2.39	-.23	-5.86	.80	3.27		.50	.50	.131
		4.7	9.57	4.48	6.17	-1.26	-.17	-5.86	.80	.26		.31	.31	.036
		9.4	9.56	-3.53	45.08	-.12	-.11	-5.86	.80	1.51		.13	.13	.076
		14.1	9.56	-7.59	20.19	1.01	-.03	-5.86	.80	.72		.27	.27	.051
		18.8	9.55	-7.03	-68.50	2.14	.05	-5.86	.80	2.30		.46	.46	.101
702- 705	107- 1	0.0	8.44	19.57	61.20	2.29	-.23	4.56	.71	2.79		.46	.46	.113
		4.7	8.43	8.00	-16.00	1.16	-.18	4.56	.71	.60		.27	.27	.043
		9.4	8.43	-.28	-49.40	.03	-.11	4.56	.71	1.65		.10	.10	.077
		14.1	8.42	-4.59	-19.00	-1.11	-.04	4.56	.71	.65		.26	.26	.045
		18.8	8.42	-4.29	75.20	-2.24	.05	4.56	.71	2.52		.45	.45	.104
703- 705	137- 1	0.0	27.88	140.20	189.27	-.46	-1.16	-1.72	1.45	4.15		.14	.14	.161
		4.7	27.90	78.93	174.67	.08	-1.02	-1.72	1.45	3.84		.15	.15	.159
		9.4	27.89	25.98	94.77	2.14	-.88	-1.72	1.45	1.73		.26	.26	.105
		14.1	27.90	-18.01	-62.42	3.45	-.70	-1.72	1.45	1.15		.38	.38	.087
		18.8	27.90	-52.57	-292.90	4.75	-.52	-1.72	1.45	5.25		.51	.51	.216
703- 801	200- 1	0.0	5.79	240.74	-1522.73	-18.79	-1.26	-9.18	.15	8.63		1.02	1.02	.278
		12.5	5.85	84.62	533.45	-8.70	-.85	-9.18	.15	3.02		.48	.48	.101
		25.1	5.89	-14.52	1141.09	.48	-.48	-9.18	.15	6.39		.06	.06	.207
		37.6	5.98	-60.03	432.88	8.30	-.12	-9.18	.15	2.45		.49	.49	.083
		50.2	6.10	-56.02	-1468.93	16.35	.16	-9.18	.16	8.23		.99	.99	.295
703- 803	JL7- 1	0.0	879.00	1730.20	-2191.44	17.62	5.02	45.69	12.48	3.55		.55	.55	.548
		7.1	877.53	1915.68	-3102.10	5.37	-.70	45.69	12.41	4.70		.18	.18	.540
		14.2	876.08	1632.80	-3137.20	-5.78	-5.80	45.69	12.39	4.50		.20	.20	.572
		21.3	874.61	931.93	-2207.13	-15.91	-10.53	45.69	12.37	3.05		.57	.57	.526
		28.4	873.14	-150.01	-451.39	-25.19	-14.64	45.69	12.35	.60		.86	.86	.448
704- 705	107- 1	0.0	-17.97	-2.31	164.36	4.61	-.20	1.61	-1.51	-5.50		.80	.80	.239
		4.7	-17.97	-10.62	-30.30	2.51	-.10	1.61	-1.51	-1.08		.42	.42	.099
		9.4	-17.97	-14.06	-95.63	.01	-.01	1.61	-1.51	-3.23		.03	.03	.167
		14.1	-17.97	-12.02	-31.63	-2.29	.08	1.61	-1.51	-1.13		.41	.41	.101
		18.8	-17.97	-4.69	161.72	-4.58	.16	1.61	-1.51	-5.41		.80	.80	.236

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACAN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706 137- 1		0.0	22.58	-40.99	14.27	1.85	-.26	-14.37	1.17	.77		.32	.32	.065
		4.7	22.59	-50.24	-54.93	.58	-.07	-14.37	1.17	1.31		.19	.19	.082
		9.4	22.59	-49.20	-51.67	-.70	.11	-14.37	1.17	1.26		.20	.20	.080
		14.1	22.58	-37.87	25.15	-1.96	.29	-14.37	1.17	.78		.33	.33	.065
		18.8	22.57	-10.23	104.63	-3.21	.48	-14.37	1.17	2.99		.46	.46	.135
705- 706 137- 1		0.0	47.01	-40.83	-55.90	-2.37	-.29	7.53	2.44	1.29		.31	.31	.125
		4.7	47.01	-50.24	-10.69	-1.07	-.11	7.53	2.44	1.25		.18	.18	.124
		9.4	47.01	-59.35	64.90	.21	.07	7.53	2.44	1.55		.09	.09	.134
		14.1	47.00	-50.17	17.55	1.47	.25	7.53	2.44	.94		.22	.22	.114
		18.8	47.00	-30.69	-100.45	2.72	.44	7.53	2.44	1.85		.35	.35	.143
706- 803 200- 1		0.0	-441.48	-947.17	1385.92	10.64	8.05	13.60	-11.60	-8.06		.75	.75	.835
		12.5	-441.40	-1.48	-152.14	5.66	4.54	13.60	-11.60	-.85		.42	.42	.563
		25.1	-441.33	424.04	-632.08	.78	1.15	13.60	-11.60	-4.26		.11	.11	.691
		37.5	-441.30	354.33	-405.23	-3.73	-2.04	13.60	-11.60	-3.01		.26	.26	.648
		50.2	-441.27	-170.54	474.22	-7.91	-5.01	13.60	-11.60	-2.84		.53	.53	.637
706- 806 JL7- 1		0.0	-1429.55	-2153.34	1939.77	7.09	-13.66	293.91	-20.21	-5.68		.62	.62	.843
		7.1	-1429.44	-2052.72	1336.19	7.09	-2.98	293.91	-20.23	-4.00		.40	.40	.853
		14.2	-1431.31	-2090.79	732.60	7.09	6.46	293.91	-20.25	-3.55		.46	.46	.841
		21.3	-1432.76	-1741.79	169.02	7.09	14.66	293.91	-20.27	-2.27		.65	.65	.805
		28.4	-1434.22	-190.20	-474.57	7.09	22.37	293.91	-20.29	-.65		.85	.85	.760
710- 810 P2- 1		0.0	-1375.13	2136.95	2137.46	8.59	1.34	-842.85	-5.47	-1.26		.24	.24	.236
		7.1	-1380.33	2287.59	1405.79	8.59	2.20	-842.85	-5.49	-1.12		.25	.25	.233
		14.2	-1385.53	2511.85	674.12	8.59	3.07	-842.85	-5.51	-1.08		.25	.25	.233
		21.3	-1390.73	2809.76	-57.55	8.59	3.93	-842.85	-5.55	-1.17		.25	.25	.236
		28.4	-1395.93	3181.29	-769.22	8.59	4.79	-842.85	-5.55	-1.37		.25	.25	.242
711- 811 P2- 1		0.0	-1394.32	3457.29	-2397.85	-10.05	3.36	181.78	-5.55	-1.75		.12	.12	.252
		7.1	-1399.52	3779.81	-1541.79	-10.05	4.22	181.78	-5.57	-1.70		.12	.12	.252
		14.2	-1404.72	4175.97	-685.72	-10.05	5.08	181.78	-5.59	-1.76		.13	.13	.254
		21.3	-1409.92	4645.76	170.35	-10.05	5.95	181.78	-5.61	-1.94		.13	.13	.260
		28.4	-1415.12	5189.17	1026.41	-10.05	6.81	181.78	-5.63	-2.20		.13	.13	.268
712- 812 P2- 1		0.0	2233.54	-5294.97	6.53	-.13	-9.46	455.20	8.69	2.21		.17	.17	.378
		7.1	2220.34	-6065.08	17.83	-.13	-8.62	455.20	8.67	2.53		.16	.16	.388
		14.2	2223.14	-6762.66	29.14	-.13	-7.75	455.20	8.85	2.82		.16	.16	.396
		21.3	2217.94	-7385.97	40.44	-.13	-6.89	455.20	8.82	3.08		.15	.15	.404
		28.4	2212.75	-7955.56	51.74	-.13	-6.02	455.20	8.80	3.31		.14	.14	.410
801- 802 148- 1		0.0	-67.21	92.68	-106.40	2.89	-.82	22.63	-3.17	-2.04		.45	.45	.229
		5.7	-67.21	41.50	-224.17	.55	-.66	22.63	-3.17	-3.30		.25	.25	.262
		11.4	-67.21	-.32	-102.02	-1.78	-.54	22.63	-3.17	-2.63		.34	.34	.243
		17.1	-67.21	-32.78	19.63	-4.12	-.41	22.63	-3.17	-.55		.56	.56	.186
		22.8	-67.21	-55.90	301.39	-6.46	-.27	22.63	-3.17	-5.58		.77	.77	.325

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13 — PAGE 63

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM — DATE 08/27/76

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
801- 804 108- 1		0.0	69.51	214.63	-245.46	.23	-1.25	9.88	3.28	4.72		.19	.19	.263
		5.7	69.49	134.16	-221.05	-.94	-1.11	9.88	3.28	3.74		.21	.21	.232
		11.4	69.47	63.04	-116.44	-2.12	-.97	9.88	3.28	1.92		.29	.29	.174
		17.1	69.45	1.27	68.38	-3.29	-.84	9.88	3.28	.99		.39	.39	.145
		22.8	69.43	-51.15	333.40	-4.46	-.70	9.88	3.27	4.88		.50	.50	.268
801- 901 JL6- 1		0.0	620.08	-41.21	866.04	-13.23	9.44	249.24	8.77	1.10		.62	.62	.339
		8.1	618.40	855.11	1672.12	-5.47	4.93	249.24	8.75	2.28		.33	.33	.376
		16.2	616.72	931.38	1567.51	5.50	.80	249.24	8.72	2.32		.32	.32	.376
		24.3	615.03	818.79	824.59	13.77	-3.07	249.24	8.70	1.31		.56	.56	.344
		32.4	613.35	339.79	-1094.54	21.47	-6.75	249.24	8.68	1.46		.80	.80	.347
801- 903 200- 1		0.0	11.26	126.10	1438.62	15.10	-.68	49.62	.30	8.08		.93	.93	.265
		14.9	11.35	37.01	-518.84	6.91	-.34	49.62	.30	2.91		.50	.50	.102
		29.8	11.41	-62.51	-1073.57	-.59	-.11	49.62	.30	6.01		.17	.17	.200
		44.7	11.43	-95.55	-345.61	-7.44	.07	49.62	.30	1.94		.53	.53	.072
		59.6	11.49	17.15	1559.31	-13.79	.17	49.62	.30	8.75		.86	.86	.296
802- 803 108- 1		0.0	-67.59	-51.75	374.81	6.40	.19	-33.20	-3.19	-5.46		.84	.84	.323
		5.7	-67.59	-33.64	17.22	4.06	.33	-33.20	-3.19	-.55		.62	.62	.187
		11.4	-67.59	-8.57	-180.65	1.73	.47	-33.20	-3.19	-2.62		.41	.41	.243
		17.1	-67.59	30.04	-218.82	-.61	.60	-33.20	-3.19	-3.20		.32	.32	.260
		22.8	-67.59	70.00	-97.28	-2.95	.74	-33.20	-3.19	-1.79		.53	.53	.222
802- 804 106- 1		0.0	8.12	25.76	-79.51	-1.64	-.23	-9.15	.68	2.83		.46	.46	.113
		5.7	8.11	15.05	14.70	-.92	-.17	-9.15	.68	.70		.31	.31	.046
		11.4	8.11	5.24	46.07	.00	-.12	-9.15	.68	1.55		.17	.17	.073
		17.1	8.10	-.68	18.61	.92	-.06	-9.15	.68	.49		.31	.31	.039
		22.8	8.10	-6.70	-79.70	1.84	-.00	-9.15	.68	2.67		.46	.46	.108
802- 805 106- 1		0.0	8.86	24.15	86.09	1.85	-.23	11.27	.74	2.99		.50	.50	.120
		5.7	8.85	10.07	-8.92	.93	-.18	11.27	.74	.45		.35	.35	.040
		11.4	8.85	-.11	-41.09	.01	-.12	11.27	.74	1.37		.21	.21	.069
		17.1	8.84	-6.39	-10.42	-.91	-.06	11.27	.74	.41		.34	.34	.039
		22.8	8.84	-8.78	83.09	-1.83	-.01	11.27	.74	2.79		.50	.50	.114
803- 805 108- 1		0.0	-22.89	211.58	233.71	-.42	-1.17	-5.05	-1.08	-4.56		.15	.15	.202
		5.7	-22.91	156.15	221.99	.76	-1.04	-5.05	-1.08	-3.77		.16	.16	.177
		11.4	-22.93	70.05	130.07	1.93	-.90	-5.05	-1.08	-2.14		.24	.24	.125
		17.1	-22.95	13.27	-42.05	3.10	-.76	-5.05	-1.08	-.44		.34	.34	.078
		22.8	-22.97	-34.13	-294.36	4.28	-.62	-5.05	-1.08	-4.29		.44	.44	.193
803- 903 JL6- 1		0.0	379.75	975.44	-986.64	10.63	3.87	-10.33	5.37	1.76		.33	.33	.242
		8.1	378.07	1129.61	-1554.56	1.06	-.64	-10.33	5.35	2.45		.04	.04	.263
		16.2	376.39	865.74	-1219.70	-7.90	-4.77	-10.33	5.32	1.90		.27	.27	.245
		24.3	374.70	209.01	-442.71	-16.17	-8.64	-10.33	5.30	.27		.53	.53	.193
		32.4	373.02	-612.15	1910.63	-23.08	-12.32	-10.33	5.28	2.64		.77	.77	.267

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 908	200- 1	0.0	424.09	1212.42	-298.42	-5.78	-9.21	-30.41	11.28	6.99		.66	.66	.612
		14.9	429.18	-29.95	403.89	-2.14	-4.75	-30.41	11.28	2.27		.36	.36	.463
		29.8	429.29	-511.77	887.17	1.14	-.72	-30.41	11.28	3.95		.16	.16	.517
		44.7	429.39	-518.87	19.75	4.02	2.79	-30.41	11.29	1.79		.34	.34	.446
		59.6	429.47	455.09	-926.68	8.50	5.76	-30.41	11.29	5.77		.54	.54	.574
804- 805	100- 1	0.0	-17.02	-12.12	101.31	3.71	-.11	-2.64	-1.43	-5.41		.67	.67	.238
		5.7	-17.02	-17.78	-28.25	1.83	-.05	-2.64	-1.43	-1.12		.35	.35	.102
		11.4	-17.02	-19.54	-84.15	-.05	.00	-2.64	-1.43	-3.05		.05	.05	.164
		17.1	-17.02	-17.49	-21.58	-1.93	.06	-2.64	-1.43	-.92		.37	.37	.096
		22.8	-17.02	-11.58	175.04	-3.81	.12	-2.64	-1.43	-5.87		.68	.68	.252
804- 806	140- 1	0.0	66.80	-56.23	92.40	2.29	-.59	-8.23	4.09	1.48		.27	.27	.188
		5.7	66.78	-71.62	-24.85	1.13	-.84	-8.23	4.09	1.10		.16	.16	.177
		11.4	66.77	-90.87	-81.90	-.03	-.24	-8.23	4.09	1.66		.07	.07	.195
		17.1	66.77	-110.43	-20.80	-1.17	-.11	-8.23	4.09	1.63		.16	.16	.193
		22.8	66.76	-111.91	98.00	-2.30	.07	-8.23	4.09	2.15		.26	.26	.210
805- 806	140- 1	0.0	-5.16	-25.36	-56.25	-1.82	-.51	19.35	-.24	-.64		.32	.32	.033
		5.7	-5.17	-55.71	48.07	-.85	-.37	19.35	-.24	-1.06		.21	.21	.047
		11.4	-5.18	-79.74	52.99	.50	-.21	19.35	-.24	-1.34		.19	.19	.055
		17.1	-5.18	-84.46	-20.64	1.85	-.04	19.35	-.24	-1.26		.30	.30	.053
		22.8	-5.18	-80.90	-171.97	2.78	.15	19.35	-.24	-2.75		.40	.40	.100
806- 901	200- 1	0.0	-440.75	-1005.92	-982.24	-8.31	6.54	-14.34	-11.59	-7.87		.60	.60	.937
		14.9	-440.64	-83.84	140.09	-4.27	3.78	-14.34	-11.58	-.91		.34	.34	.622
		29.8	-440.53	347.59	553.89	-.38	1.06	-14.34	-11.58	-3.66		.10	.10	.746
		44.7	-440.45	301.44	266.98	3.34	-1.56	-14.34	-11.58	-2.53		.23	.23	.606
		59.6	-440.35	-201.02	-622.60	6.79	-4.04	-14.34	-11.58	-3.66		.46	.46	.746
806- 906	JL8- 1	0.0	-948.96	-773.93	60.31	2.62	-12.02	-251.34	-13.45	-.99		.51	.51	.523
		8.1	-950.63	-1585.48	-195.05	2.62	-4.40	-251.34	-13.45	-2.01		.30	.30	.553
		16.2	-952.28	-1654.55	-450.42	2.62	2.35	-251.34	-13.47	-2.19		.26	.26	.559
		24.3	-953.93	-1138.27	-705.79	2.62	8.25	-251.34	-13.50	-1.70		.40	.40	.546
		32.4	-955.58	-76.02	-961.18	2.62	13.47	-251.34	-13.52	-1.23		.55	.55	.534
810- 910	M2- 1	0.0	-1395.90	3182.42	-784.17	8.83	-19.47	510.13	-5.55	-1.37		.28	.28	.245
		8.1	-1401.85	1355.51	-1643.68	8.83	-18.48	510.13	-5.58	-.88		.27	.27	.232
		16.2	-1407.79	-414.78	-2503.20	8.83	-17.49	510.13	-5.60	-1.06		.26	.26	.238
		24.3	-1413.74	-2068.44	-3362.72	8.83	-16.49	510.13	-5.63	-1.65		.26	.26	.255
		32.4	-1419.68	-3625.48	-4222.24	8.83	-15.50	510.13	-5.65	-2.32		.25	.25	.274
811- 911	M2- 1	0.0	-1415.08	5190.36	1020.34	-10.29	-33.41	-146.37	-5.63	-2.20		.31	.31	.270
		8.1	-1421.03	1986.54	2021.45	-10.29	-32.42	-146.37	-5.65	-1.18		.30	.30	.243
		16.2	-1426.97	-1120.68	3022.53	-10.29	-31.43	-146.37	-5.68	-1.34		.29	.29	.249
		24.3	-1432.91	-4131.25	4025.62	-10.29	-30.44	-146.37	-5.70	-2.40		.29	.29	.279
		32.4	-1438.86	-7045.17	5024.72	-10.29	-29.44	-146.37	-5.73	-3.61		.28	.28	.313

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB, UNITY CHECK
									KSI					
812- 912	PZ- 1	0.0	2212.68	-7935.56	50.60	-.13	45.24	-407.65	8.80	3.31		.44	.44	.410
		8.1	2206.75	-3884.52	65.52	-.13	46.23	-407.65	8.78	1.45		.45	.45	.351
		16.2	2200.79	1063.06	76.44	-.13	47.22	-407.65	8.76	.44		.46	.46	.318
		24.3	2194.85	5707.18	89.35	-.13	48.21	-407.65	8.73	2.38		.47	.47	.378
		32.4	2188.90	10447.84	102.27	-.13	49.20	-407.65	8.71	4.35		.48	.48	.440
901- 902	169- 1	0.0	12.95	42.04	-113.87	2.92	-.27	34.25	.53	1.33		.43	.43	.060
		6.9	12.95	21.27	-261.00	.06	-.24	34.25	.53	2.86		.24	.24	.109
		13.7	12.95	2.74	-222.05	-1.60	-.21	34.25	.53	2.43		.32	.32	.095
		20.6	12.95	-13.53	2.99	-3.67	-.18	34.25	.53	.15		.51	.51	.023
		27.4	12.95	-27.54	414.12	-6.13	-.16	34.25	.53	4.54		.69	.69	.162
901- 904	169- 1	0.0	143.20	244.66	-271.29	.21	-.95	6.38	5.88	3.99		.11	.11	.330
		6.9	143.19	166.24	-242.74	-.90	-.91	6.38	5.88	3.23		.14	.14	.306
		13.7	143.19	95.48	-123.30	-2.00	-.86	6.38	5.88	1.70		.21	.21	.258
		20.6	143.18	27.80	87.02	-3.11	-.79	6.38	5.88	1.00		.30	.30	.236
		27.4	143.18	-35.40	308.24	-4.21	-.70	6.38	5.88	4.26		.39	.39	.339
901-1001	JL9- 1	0.0	70.30	1007.45	-846.46	-15.67	2.92	330.16	.99	1.67		.66	.66	.097
		8.1	68.65	1117.96	322.94	-8.42	-.63	330.16	.97	1.48		.45	.45	.080
		16.2	66.93	849.09	803.38	-1.52	-4.06	330.16	.95	1.52		.33	.33	.081
		24.3	65.23	331.19	627.84	5.08	-7.40	330.16	.92	.90		.46	.46	.061
		32.4	63.54	-549.71	-177.52	11.43	-10.69	330.16	.90	.73		.65	.65	.054
901-1002	180- 1	0.0	-2.65	-44.45	443.18	7.08	.61	6.53	-.10	-3.81		.55	.55	.124
		10.6	-2.47	15.46	-211.14	3.29	.33	6.53	-.09	-1.81		.27	.27	.061
		21.1	-2.32	38.13	-399.98	-.27	.05	6.53	-.08	-3.43		.05	.05	.112
		31.7	-2.15	22.68	-153.47	-3.59	-.27	6.53	-.08	-1.33		.29	.29	.045
		42.2	-2.02	-31.28	501.96	-6.73	-.60	6.53	-.07	-4.30		.52	.52	.139
901-1004	180- 1	0.0	420.19	385.15	89.65	2.71	-4.66	20.25	15.29	3.36		.48	.48	.638
		10.6	420.57	-42.23	-156.01	1.19	-2.10	20.25	15.29	1.38		.26	.26	.575
		21.1	420.50	-156.34	-214.70	-.25	.26	20.25	15.30	2.27		.11	.11	.603
		31.7	420.65	15.94	-96.21	-1.61	2.43	20.25	15.30	.83		.30	.30	.558
		42.2	420.81	452.62	192.75	-2.94	4.46	20.25	15.31	4.21		.47	.47	.664
902- 903	169- 1	0.0	12.10	-28.36	394.94	5.95	.23	-32.84	.50	4.33		.67	.67	.154
		6.9	12.10	-6.48	-1.66	3.69	.26	-32.84	.50	.09		.48	.48	.020
		13.7	12.10	13.66	-212.17	1.43	.28	-32.84	.50	2.32		.30	.30	.091
		20.6	12.10	36.05	-236.60	-.83	.31	-32.84	.50	2.62		.25	.25	.100
		27.4	12.10	64.70	-74.94	-3.10	.34	-32.84	.50	1.08		.44	.44	.051
902- 904	109- 1	0.0	7.10	32.95	-78.56	-1.59	-.19	-9.93	.60	2.85		.44	.44	.111
		6.9	7.11	17.17	19.37	-.79	-.19	-9.93	.60	.87		.30	.30	.048
		13.7	7.12	2.81	51.57	.01	-.16	-9.93	.60	1.73		.19	.19	.075
		20.6	7.14	-8.73	18.05	.81	-.12	-9.93	.60	.67		.30	.30	.042
		27.4	7.15	-16.05	-61.20	1.61	-.06	-9.93	.60	2.77		.44	.44	.108

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905 109- 1		0.0	8.72	33.44	97.74	1.64	-.19	9.27	.73	3.45		.43	.43	.134
		6.9	8.73	18.05	-5.96	.84	-.18	9.27	.73	.62		.30	.30	.085
		13.7	8.74	4.47	-59.93	.04	-.16	9.27	.73	1.34		.18	.18	.068
		20.6	8.76	-7.09	-10.18	-.76	-.11	9.27	.74	.41		.28	.28	.039
		27.4	8.77	-14.02	85.30	-1.56	-.05	9.27	.74	2.89		.42	.42	.117
903- 905 169- 1		0.0	-160.04	253.91	224.66	-.75	-.98	-3.60	-6.57	-3.71		.12	.12	.493
		6.9	-160.04	174.65	240.98	.35	-.94	-3.60	-6.57	-3.25		.10	.10	.471
		13.7	-160.05	99.01	166.42	1.46	-.89	-3.60	-6.57	-2.12		.16	.16	.433
		20.6	-160.05	28.45	.97	2.56	-.82	-3.60	-6.57	-.31		.24	.24	.378
		27.4	-160.06	-35.60	-255.37	3.67	-.73	-3.60	-6.57	-2.82		.33	.33	.448
903-1002 180- 1		0.0	1.82	-20.03	-499.96	-7.56	.54	-17.39	.07	4.28		.61	.61	.137
		10.6	2.00	31.56	189.16	-3.56	.27	-17.39	.07	1.64		.33	.33	.054
		21.1	2.15	45.91	412.85	-.01	-.04	-17.39	.08	3.55		.08	.08	.115
		31.7	2.32	22.55	201.16	3.32	-.33	-17.39	.08	1.73		.32	.32	.058
		42.2	2.45	-40.16	-419.45	6.46	-.66	-17.39	.09	3.60		.55	.55	.117
903-1003 JL9- 1		0.0	72.51	-287.70	2113.55	18.95	6.40	-398.43	1.03	2.71		.82	.82	.121
		5.1	70.83	162.05	624.85	11.70	2.86	-398.43	1.00	.82		.59	.59	.061
		16.2	69.14	272.42	-174.66	4.80	-.57	-398.43	.98	.41		.39	.39	.047
		24.3	67.44	55.77	-318.62	-1.80	-3.91	-398.43	.95	.41		.38	.38	.046
		32.4	65.75	-487.69	187.46	-8.14	-7.21	-398.43	.93	.66		.56	.56	.053
903-1005 180- 1		0.0	421.85	529.12	-16.25	-2.42	-5.23	-48.55	15.35	4.52		.63	.63	.676
		10.6	422.03	31.89	192.29	-.89	-2.65	-48.55	15.35	1.67		.41	.41	.586
		21.1	422.16	-152.07	213.85	.54	-.29	-48.55	15.36	2.24		.25	.25	.604
		31.7	422.30	-49.64	58.24	1.91	1.87	-48.55	15.36	.65		.40	.40	.554
		42.2	422.47	317.59	-267.84	3.24	3.90	-48.55	15.37	3.55		.58	.58	.646
904- 905 109- 1		0.0	-15.64	-8.98	155.03	3.07	-.13	.54	-1.31	-5.19		.52	.52	.233
		6.9	-15.64	-10.92	-32.50	1.49	-.06	.54	-1.31	-1.23		.26	.26	.108
		13.7	-15.64	-14.22	-90.55	-.09	.01	.54	-1.31	-3.09		.02	.02	.167
		20.6	-15.64	-15.69	-18.47	-1.66	.07	.54	-1.31	-.81		.29	.29	.095
		27.4	-15.64	-6.91	103.09	-3.24	.14	.54	-1.31	-6.13		.55	.55	.263
904- 906 169- 1		0.0	158.62	-28.80	152.00	2.43	-.63	-20.53	6.51	1.69		.32	.32	.280
		6.9	158.61	-76.34	-2.66	1.55	-.55	-20.53	6.51	.83		.23	.23	.253
		13.7	158.60	-115.99	-68.29	.26	-.45	-20.53	6.51	1.47		.15	.15	.273
		20.6	158.58	-147.75	-46.84	-.78	-.34	-20.53	6.51	1.69		.18	.18	.280
		27.4	158.55	-171.59	59.78	-1.81	-.24	-20.53	6.51	1.99		.26	.26	.289
905- 906 169- 1		0.0	-143.70	-30.65	13.02	-1.41	-.64	18.89	-5.90	-.36		.23	.23	.342
		6.9	-143.71	-79.64	83.73	-.31	-.55	18.89	-5.90	-1.26		.16	.16	.370
		13.7	-143.72	-120.73	65.43	.76	-.45	18.89	-5.90	-1.50		.18	.18	.381
		20.6	-143.74	-153.42	-39.97	1.80	-.36	18.89	-5.90	-1.74		.25	.25	.392
		27.4	-143.77	-174.22	-230.54	2.93	-.26	18.89	-5.90	-3.19		.34	.34	.431

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	160- 1	0.0	-422.65	-508.28	-350.45	-4.02	4.55	24.68	-15.38	-5.28		.55	.55	.895
		10.6	-422.49	-65.40	34.58	-2.06	2.48	24.68	-15.37	-.62		.34	.34	.708
		21.1	-422.32	119.32	173.09	-.14	.41	24.68	-15.36	-1.80		.14	.14	.755
		31.7	-422.14	41.05	73.76	1.69	-1.64	24.68	-15.36	-.72		.28	.28	.711
		42.2	-421.95	-297.05	-254.64	3.49	-3.69	24.68	-15.35	-3.34		.48	.48	.816
906-1005	160- 1	0.0	-426.66	-381.84	594.55	4.14	4.05	-4.48	-15.52	-4.69		.44	.44	.879
		10.6	-426.49	-.49	-6.55	2.19	1.98	-4.48	-15.51	-.06		.23	.23	.691
		21.1	-426.32	116.70	-101.13	.24	-.09	-4.48	-15.51	-1.71		.04	.04	.758
		31.7	-426.14	-23.10	-77.89	-1.56	-2.14	-4.48	-15.50	-.69		.21	.21	.717
		42.2	-425.95	-424.72	234.45	-3.37	-4.20	-4.48	-15.50	-4.15		.41	.41	.856
906-1006	JL9- 1	0.0	-108.98	-657.55	-1270.80	-3.34	-3.53	87.54	-1.54	-1.93		.19	.19	.118
		8.1	-110.61	-951.98	-946.10	-3.34	1.09	87.54	-1.56	-1.71		.15	.15	.112
		16.2	-112.27	-843.44	-621.40	-3.34	5.17	87.54	-1.59	-1.14		.23	.23	.095
		24.3	-113.92	37.44	-296.70	-3.34	8.75	87.54	-1.61	-.38		.32	.32	.072
		32.4	-115.57	1045.25	28.01	-3.34	11.88	87.54	-1.63	-1.33		.40	.40	.102
1010- 910	P3- 1	0.0	-1447.74	30721.72	7620.73	8.74	-90.57	936.68	-4.90	-11.41		.78	.78	.530
		8.1	-1440.75	21965.78	6770.13	8.74	-89.40	936.68	-4.87	-8.29		.78	.78	.431
		16.2	-1433.75	13319.31	5919.54	8.74	-88.24	936.68	-4.85	-5.26		.77	.77	.334
		24.3	-1426.76	4798.32	5068.95	8.74	-87.07	936.68	-4.83	-2.51		.76	.76	.249
		32.4	-1419.77	-3629.20	4218.35	8.74	-85.91	936.68	-4.80	-2.01		.75	.75	.234
1011- 911	P3- 1	0.0	-1466.93	30932.42	-8992.50	-10.21	-99.90	-1021.18	-4.96	-11.62		.86	.86	.539
		8.1	-1459.94	21260.71	-7998.71	-10.21	-98.73	-1021.18	-4.94	-8.19		.86	.86	.430
		16.2	-1452.95	11714.47	-7004.93	-10.21	-97.56	-1021.18	-4.91	-4.92		.85	.85	.326
		24.3	-1445.96	2275.71	-6011.14	-10.21	-96.40	-1021.18	-4.89	-2.32		.84	.84	.246
		32.4	-1438.97	-7049.58	-5017.35	-10.21	-95.23	-1021.18	-4.87	-3.12		.83	.83	.268
1012- 912	P3- 1	0.0	2161.18	-56153.31	-154.57	-.13	168.74	164.72	7.31	20.25		1.17	1.17	.893
		8.1	2168.17	-39673.36	-141.65	-.13	169.91	164.72	7.33	14.31		1.18	1.18	.706
		16.2	2175.16	-23079.65	-128.74	-.13	171.07	164.72	7.36	8.32		1.19	1.19	.518
		24.3	2182.16	-6372.79	-115.82	-.13	172.24	164.72	7.38	2.30		1.19	1.19	.329
		32.4	2189.15	10447.84	-102.90	-.13	173.41	164.72	7.40	3.77		1.20	1.20	.376
1001-1002	200- 1	0.0	-225.75	98.44	-66.46	3.90	-.15	-83.33	-5.93	-.66		.44	.44	.335
		8.0	-225.75	79.95	-314.19	1.26	-.23	-83.33	-5.93	-1.81		.30	.30	.365
		16.0	-225.75	55.78	-307.84	-1.39	-.31	-83.33	-5.93	-1.75		.31	.31	.363
		24.0	-225.75	19.90	-47.42	-4.03	-.39	-83.33	-5.93	-.29		.45	.45	.321
		32.0	-225.75	-21.67	467.00	-6.67	-.47	-83.33	-5.93	-2.62		.58	.58	.388
1001-1004	200- 1	0.0	-194.97	595.27	-431.54	.25	-2.10	-91.57	-5.13	-4.11		.37	.37	.402
		8.0	-194.98	389.22	-393.41	-1.08	-2.18	-91.57	-5.13	-3.10		.38	.38	.366
		16.0	-194.99	175.68	-231.13	-2.55	-2.26	-91.57	-5.13	-1.62		.43	.43	.319
		24.0	-194.99	-45.47	55.32	-3.03	-2.34	-91.57	-5.13	-.40		.48	.48	.283
		32.0	-195.00	-275.11	465.93	-4.92	-2.42	-91.57	-5.13	-3.03		.54	.54	.360

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 13

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	-228.40	-29.68	530.39	7.12	.48	153.68	-6.00	-2.98		.81	.81	.402
		8.0	-228.40	12.79	-26.91	4.48	.40	153.68	-6.00	-.17		.67	.67	.321
		16.0	-228.40	47.56	-330.64	1.84	.32	153.68	-6.00	-1.87		.53	.53	.370
		24.0	-228.40	74.63	-500.29	-.81	.24	153.68	-6.00	-2.17		.47	.47	.379
		32.0	-228.40	94.00	-175.56	-3.45	.16	153.68	-6.00	-1.12		.61	.61	.350
1002-1004	140- 1	0.0	16.74	241.42	-102.60	-1.77	-1.00	-35.83	1.04	4.93		.59	.59	.192
		8.0	16.76	140.18	22.49	-.83	-1.11	-35.83	1.04	2.47		.51	.51	.120
		16.0	16.77	28.17	57.79	.10	-1.22	-35.83	1.04	1.21		.49	.49	.074
		24.0	16.79	-94.62	3.31	1.03	-1.33	-35.83	1.05	1.78		.55	.55	.092
		32.0	16.81	-228.20	-140.97	1.97	-1.45	-35.83	1.05	5.04		.64	.64	.195
1002-1005	140- 1	0.0	16.45	275.44	100.85	1.74	-1.11	29.81	1.02	5.51		.54	.54	.209
		8.0	16.46	163.50	-21.59	.81	-1.22	29.81	1.03	3.10		.46	.46	.133
		16.0	16.48	40.78	-54.25	-.15	-1.33	29.81	1.03	1.27		.45	.45	.076
		24.0	16.49	-92.72	2.87	-1.06	-1.44	29.81	1.03	1.74		.50	.50	.091
		32.0	16.51	-236.99	149.79	-2.00	-1.56	29.81	1.03	5.26		.60	.60	.202
1003-1005	200- 1	0.0	-205.32	564.63	511.92	-.04	-2.47	66.12	-5.40	-4.35		.31	.31	.423
		8.0	-205.33	343.78	453.48	1.25	-2.55	66.12	-5.40	-3.18		.33	.33	.382
		16.0	-205.34	95.23	270.88	2.55	-2.63	66.12	-5.40	-1.61		.38	.38	.331
		24.0	-205.34	-141.02	-35.87	3.84	-2.71	66.12	-5.40	-.92		.43	.43	.316
		32.0	-205.35	-424.97	-466.80	5.13	-2.79	66.12	-5.40	-3.53		.49	.49	.394
1004-1005	140- 1	0.0	-32.71	-37.56	235.96	3.64	.12	5.73	-2.04	-4.49		.51	.51	.231
		8.0	-32.71	-31.59	-25.77	1.60	.00	5.73	-2.04	-.77		.28	.28	.114
		16.0	-32.71	-36.59	-110.38	-.04	-.11	5.73	-2.04	-2.18		.07	.07	.159
		24.0	-32.71	-52.38	-17.91	-1.68	-.22	5.73	-2.04	-1.04		.29	.29	.122
		32.0	-32.71	-78.94	251.64	-3.73	-.33	5.73	-2.04	-4.95		.52	.52	.246
1004-1006	200- 1	0.0	388.07	403.59	14.61	1.66	-2.61	7.30	10.20	2.26		.18	.18	.426
		8.0	388.07	148.50	-84.30	.40	-2.69	7.30	10.20	.96		.16	.16	.384
		16.0	388.09	-114.28	-85.01	-.79	-2.77	7.30	10.20	.74		.17	.17	.378
		24.0	388.11	-384.76	64.51	-1.93	-2.85	7.30	10.20	2.19		.20	.20	.423
		32.0	388.15	-662.95	304.29	-3.01	-2.93	7.30	10.20	4.08		.24	.24	.483
1005-1006	200- 1	0.0	381.26	259.62	-46.98	-1.74	-2.21	-45.28	10.02	1.48		.27	.27	.395
		8.0	381.26	42.99	59.54	-.48	-2.29	-45.28	10.02	.41		.25	.25	.361
		16.0	381.28	-181.34	47.86	.72	-2.37	-45.28	10.02	1.05		.26	.26	.381
		24.0	381.30	-413.37	-76.06	1.85	-2.45	-45.28	10.02	2.35		.29	.29	.422
		32.0	381.34	-655.10	-306.24	2.93	-2.53	-45.28	10.02	4.04		.33	.33	.476

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102 W16- 1		0.0	-4.16	400.32	-1.82	-.01	-7.04	.01	-.26	4.49	-.17	.00	1.09	.159
		3.6	-4.16	131.57	-1.23	-.01	-5.32	.01	-.26	1.48	-.12	.00	.83	.061
		7.3	-4.16	-62.27	-.64	-.01	-3.60	.01	-.26	-.70	-.06	.00	.56	.035
		10.9	-4.16	-181.22	-.06	-.01	-1.87	.01	-.26	-2.03	-.01	.00	.29	.075
		14.5	-4.16	-225.26	.53	-.01	-.15	.01	-.26	-2.53	.05	.00	.02	.092
101- 104 W16- 1		0.0	-4.36	400.51	-2.41	-.02	-7.04	-.01	-.27	4.49	-.22	.00	1.09	.161
		3.6	-4.36	131.70	-1.48	-.02	-5.32	-.01	-.27	1.48	-.14	.00	.83	.063
		7.2	-4.36	-62.27	-.56	-.02	-3.60	-.01	-.27	-.70	-.05	.00	.56	.035
		10.9	-4.36	-181.41	.36	-.02	-1.88	-.01	-.27	-2.04	.03	.00	.29	.077
		14.5	-4.36	-225.71	1.28	-.02	-.16	-.01	-.27	-2.53	.12	.00	.03	.095
101- 201 DKL- 1		0.0	-19.08	-346.81	600.68	6.36	3.75	-4.23	-.21	-1.09		.17	.17	.042
		3.8	-20.24	-178.18	314.40	6.36	3.75	-4.23	-.22	-.57		.17	.17	.026
		7.5	-21.41	-9.55	28.12	6.36	3.75	-4.23	-.23	-.05		.17	.17	.010
		11.3	-22.57	159.08	-254.15	6.36	3.75	-4.23	-.25	-.47		.17	.17	.024
		15.0	-23.73	327.71	-544.43	6.36	3.75	-4.23	-.26	-.99		.17	.17	.041
102- 103 W16- 1		0.0	-4.19	-225.14	.51	.00	.20	-.02	-.26	-2.53	.03	.00	.03	.092
		3.6	-4.19	-179.15	.11	.00	1.92	-.02	-.26	-2.01	.01	.00	.30	.075
		7.3	-4.19	-58.26	-.10	.00	3.64	-.02	-.26	-.65	-.01	.00	.57	.032
		10.9	-4.19	137.53	-.30	.00	5.36	-.02	-.26	1.54	-.03	.00	.83	.061
		14.5	-4.19	406.23	-.51	.00	7.08	-.02	-.26	4.56	-.05	.00	1.10	.157
102- 104 W06- 1		0.0	-.02	.14	.17	.00	-.17	-.00	-.00	.01	.03	.00	.09	.001
		3.6	-.02	-5.55	.10	.00	-.09	-.00	-.00	-.27	.02	.00	.04	.009
		7.2	-.02	-7.46	.04	.00	-.00	-.00	-.00	-.36	.01	.00	.00	.012
		10.9	-.02	-5.58	-.03	.00	.09	-.00	-.00	-.27	-.00	.00	.04	.009
		14.5	-.02	.07	-.09	.00	.17	-.00	-.00	.00	-.02	.00	.09	.001
102- 105 W06- 1		0.0	.04	-.10	.05	-.00	-.17	.00	.01	-.00	.01	.00	.09	.001
		3.6	.04	-5.76	.07	-.00	-.09	.00	.01	-.26	.01	.00	.04	.009
		7.2	.04	-7.65	.09	-.00	.00	.00	.01	-.37	.02	.00	.00	.012
		10.9	.04	-5.73	.11	-.00	.09	.00	.01	-.26	.02	.00	.05	.010
		14.5	.04	-.04	.13	-.00	.17	.00	.01	-.00	.02	.00	.09	.001
103- 105 W16- 1		0.0	-6.19	407.94	.62	.00	-7.07	.02	-.38	4.58	.06	.00	1.10	.163
		3.6	-6.19	138.09	.46	.00	-5.35	.02	-.38	1.55	.04	.00	.83	.066
		7.2	-6.19	-56.92	.30	.00	-3.62	.02	-.38	-.64	.03	.00	.56	.037
		10.9	-6.19	-177.10	.14	.00	-1.90	.02	-.38	-1.99	.01	.00	.30	.079
		14.5	-6.19	-222.44	-.03	.00	-.18	.02	-.38	-2.50	-.00	.00	.03	.095
103- 203 DKL- 1		0.0	-19.15	-353.25	-612.30	-7.29	5.35	1.13	-.21	-1.11		.20	.20	.043
		3.9	-20.31	-112.50	-284.31	-7.29	5.35	1.13	-.22	-.48		.20	.20	.023
		7.5	-21.46	126.24	43.66	-7.29	5.35	1.13	-.24	-.21		.20	.20	.015
		11.3	-22.64	366.95	371.67	-7.29	5.35	1.13	-.25	-.62		.20	.20	.035
		15.0	-23.80	609.72	699.67	-7.29	5.35	1.13	-.26	-1.45		.20	.20	.055

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

U.S. NAVY - ACMN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 #00- 1		0.0	-.03	-.13	-.10	-.00	-.17	-.00	-.00	-.01	-.02	.00	.09	.001
		3.6	-.03	-5.78	-.02	-.00	-.09	-.00	-.00	-.28	-.00	.00	.04	.009
		7.3	-.03	-7.64	.05	-.00	.00	-.00	-.00	-.37	.01	.00	.00	.012
		10.9	-.03	-5.72	.13	-.00	.09	-.00	-.00	-.27	.02	.00	.05	.010
		14.5	-.03	-.01	.20	-.00	.17	-.00	-.00	-.00	.04	.00	.09	.002
104- 106 #18- 1		0.0	-4.35	-225.61	1.29	.02	.19	.01	-.27	-2.53	.12	.00	.03	.095
		3.6	-4.35	-179.95	.43	.02	1.91	.01	-.27	-2.02	.04	.00	.30	.076
		7.3	-4.35	-59.37	-.44	.02	3.63	.01	-.27	-.67	-.04	.00	.56	.034
		10.9	-4.35	136.13	-1.30	.02	5.35	.01	-.27	1.53	-.12	.00	.83	.064
		14.5	-4.35	412.70	-2.17	.02	12.08	.01	-.27	4.65	-.20	.00	1.87	.165
105- 106 #18- 1		0.0	-6.15	-222.45	.31	.01	.17	-.01	-.38	-2.50	.03	.00	.03	.096
		3.6	-6.15	-177.75	-.13	.01	1.89	-.01	-.38	-1.99	-.01	.00	.29	.079
		7.3	-6.15	-58.12	-.56	.01	3.61	-.01	-.38	-.65	-.05	.00	.56	.038
		10.9	-6.15	136.43	-.99	.01	5.33	-.01	-.38	1.53	-.09	.00	.83	.067
		14.5	-6.15	405.91	-1.42	.01	7.05	-.01	-.38	4.56	-.13	.00	1.10	.164
106- 200 DRL- 1		0.0	-19.92	750.02	-32.56	.66	-9.54	5.01	-.22	-1.19		.21	.21	.045
		3.8	-21.09	328.94	-62.14	.66	-9.54	5.01	-.23	-.52		.21	.21	.025
		7.5	-22.25	-100.13	-91.72	.66	-9.54	5.01	-.24	-.21		.21	.21	.016
		11.3	-23.41	-529.21	-121.30	.66	-9.54	5.01	-.26	-.85		.21	.21	.036
		15.0	-24.57	-958.29	-150.89	.66	-9.54	5.01	-.27	-1.52		.21	.21	.058
201- 202 #18- 1		0.0	2.42	585.04	-2.56	-.02	-10.12	.05	.15	6.57	-.22	.00	1.57	.221
		3.6	2.42	199.35	-1.52	-.02	-7.64	.05	.15	2.24	-.14	.00	1.19	.081
		7.3	2.42	-78.93	-.67	-.02	-5.16	.05	.15	-.89	-.06	.00	.80	.035
		10.9	2.42	-249.20	.17	-.02	-2.67	.05	.15	-2.80	.02	.00	.42	.094
		14.5	2.42	-511.45	1.02	-.02	-.19	.05	.15	-3.50	.09	.00	.03	.119
201- 204 #18- 1		0.0	2.83	584.47	-2.20	-.02	-10.12	-.05	.17	6.56	-.21	.00	1.57	.220
		3.6	2.83	198.48	-1.41	-.02	-7.64	-.05	.17	2.23	-.13	.00	1.19	.081
		7.2	2.83	-79.58	-.62	-.02	-5.15	-.05	.17	-.89	-.06	.00	.80	.036
		10.9	2.83	-249.72	.17	-.02	-2.67	-.05	.17	-2.80	.02	.00	.42	.095
		14.5	2.83	-511.94	.97	-.02	-.19	-.05	.17	-3.50	.09	.00	.03	.120
201- 301 DRL- 1		0.0	-51.14	-226.11	412.69	3.16	1.68	-22.78	-.56	-.74		.10	.10	.044
		3.8	-52.30	-150.42	270.56	3.16	1.68	-22.78	-.57	-.48		.10	.10	.036
		7.5	-53.46	-74.72	128.43	3.16	1.68	-22.78	-.59	-.23		.10	.10	.029
		11.3	-54.62	.98	-13.70	3.16	1.68	-22.78	-.60	-.02		.10	.10	.022
		15.0	-55.79	76.68	-155.82	3.16	1.68	-22.78	-.61	-.27		.10	.10	.031
201- 303 120- 1		0.0	.08	51.66	-8.29	-.02	-.90	.33	.00	.92		.10	.10	.029
		8.2	-.17	-13.44	-5.86	-.02	-.43	.33	-.01	-.26		.05	.05	.009
		16.3	-.41	-32.37	-3.43	-.02	.04	.33	-.02	-.57		.01	.01	.019
		24.5	-.66	-5.15	-.99	-.02	.51	.33	-.03	-.09		.06	.06	.008
		32.6	-.90	68.23	1.44	-.02	.98	.33	-.05	-1.20		.11	.11	.040

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
202- 203 W16- 1		0.0	2.39	-322.76	.81	.01	.23	-.05	.15	-3.62	.08	.00	.04	.122
		3.6	2.39	-258.95	.35	.01	2.71	-.05	.15	-2.91	.03	.00	.42	.098
		7.3	2.39	-87.10	-.10	.01	5.19	-.05	.15	-.98	-.01	.00	.81	.036
		10.9	2.39	192.77	-.55	.01	7.68	-.05	.15	2.16	-.05	.00	1.19	.075
		14.5	2.39	560.65	-1.01	.01	10.16	-.05	.15	6.52	-.09	.00	1.58	.214
202- 204 W06- 1		0.0	-.01	-11.25	.17	.00	-.17	.00	-.00	-.54	.03	.00	.09	.018
		3.6	-.01	-16.95	.10	.00	-.09	.00	-.00	-.81	.02	.00	.05	.026
		7.2	-.01	-16.88	.02	.00	-.00	.00	-.00	-.91	.00	.00	.00	.029
		10.9	-.01	-17.02	-.05	.00	.09	.00	-.00	-.82	-.01	.00	.04	.026
		14.5	-.01	-11.36	-.13	.00	.17	.00	-.00	-.55	-.02	.00	.09	.018
202- 205 W08- 1		0.0	.04	11.38	.03	-.00	-.24	-.02	.01	.55	.01	.00	.13	.018
		3.6	.04	2.81	.06	-.00	-.15	-.02	.01	.13	.01	.00	.08	.005
		7.2	.04	-1.98	.09	-.00	-.07	-.02	.01	-.10	.02	.00	.04	.004
		10.9	.04	-2.99	.12	-.00	.02	-.02	.01	-.14	.02	.01	.02	.006
		14.5	.04	-.22	.15	-.00	.11	-.02	.01	-.01	.03	.01	.06	.001
203- 205 W18- 1		0.0	2.55	1298.51	.37	.00	-22.66	-.07	.16	14.57	.03	.00	3.52	.467
		3.6	2.55	435.87	.33	.00	-17.02	-.07	.16	4.89	.03	.00	2.64	.161
		7.2	2.55	-181.78	.30	.00	-11.39	-.07	.16	-2.04	.03	.00	1.77	.071
		10.9	2.55	-554.45	.27	.00	-5.75	-.07	.16	-6.22	.03	.00	.90	.203
		14.5	2.55	-862.12	.24	.00	-.12	-.07	.16	-7.65	.02	.00	.02	.248
203- 303 DKL- 1		0.0	-65.36	-549.29	-551.78	-4.33	4.29	7.11	-.70	-1.22		.14	.14	.064
		3.8	-64.52	-356.15	-356.90	-4.33	4.29	7.11	-.71	-.79		.14	.14	.051
		7.5	-65.68	-162.97	-162.02	-4.33	4.29	7.11	-.72	-.36		.14	.14	.037
		11.3	-66.85	30.20	32.86	-4.33	4.29	7.11	-.73	-.07		.14	.14	.029
		15.0	-68.01	223.36	227.74	-4.33	4.29	7.11	-.75	-.50		.14	.14	.043
203- 306 120- 1		0.0	-1.10	40.58	4.63	.03	-.84	-1.06	-.06	-.72		.10	.10	.025
		8.2	-1.34	-14.04	1.26	.03	-.37	-1.06	-.07	-.34		.05	.05	.014
		16.3	-1.59	-32.52	-2.11	.03	.10	-1.06	-.08	-.57		.02	.02	.022
		24.5	-1.83	.15	-5.48	.03	.57	-1.06	-.10	-.10		.07	.07	.007
		32.6	-2.08	76.97	-8.85	.03	1.04	-1.06	-.11	-1.40		.12	.12	.049
204- 205 W08- 1		0.0	-.03	11.39	-.06	-.00	-.24	.02	-.00	.55	-.01	.00	.13	.019
		3.6	-.03	2.81	.00	-.00	-.15	.02	-.00	.13	.00	.00	.08	.005
		7.3	-.03	-1.99	.07	-.00	-.07	.02	-.00	-.10	.01	.00	.04	.004
		10.9	-.03	-3.00	.13	-.00	.02	.02	-.00	-.14	.02	.01	.02	.006
		14.5	-.03	-.22	.20	-.00	.11	.02	-.00	-.01	.04	.01	.06	.002
204- 206 W16- 1		0.0	2.84	-323.34	.90	.02	.22	.05	.18	-3.63	.08	.00	.04	.124
		3.6	2.84	-259.59	.24	.02	2.71	.05	.18	-2.91	.02	.00	.42	.099
		7.3	2.84	-87.78	-.43	.02	5.19	.05	.18	-.99	-.04	.00	.81	.039
		10.9	2.84	192.07	-1.10	.02	7.67	.05	.18	2.16	-.10	.00	1.19	.078
		14.5	2.84	567.95	-1.77	.02	10.66	.05	.18	6.60	-.17	.00	2.59	.220

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 MID- 1		0.0	2.59	-682.12	.58	.01	.10	.07	.16	-7.65	.05	.00	.02	.249
		3.6	2.59	-555.34	.00	.01	5.73	.07	.16	-6.23	.00	.00	.89	.202
		7.3	2.59	-183.28	-.58	.01	11.37	.07	.16	-2.06	-.05	.00	1.77	.072
		10.9	2.59	434.05	-1.16	.01	17.01	.07	.16	4.87	-.11	.00	2.64	.163
		14.5	2.59	1296.57	-1.75	.01	22.65	.07	.16	14.55	-.16	.00	3.52	.471
206- 301 120- 1		0.0	1.60	48.51	-4.13	-.03	-.89	-4.03	.08	.86		.13	.13	.030
		8.2	1.35	-15.42	-.72	-.03	-.42	-4.03	.07	.27		.08	.08	.011
		16.3	1.11	-33.21	2.68	-.03	.05	-4.03	.06	.59		.04	.04	.021
		24.5	.85	-4.96	6.08	-.03	.53	-4.03	.04	.14		.09	.09	.006
		32.6	.62	69.65	9.49	-.03	1.00	-4.03	.03	1.24		.14	.14	.040
206- 306 DRL- 1		0.0	-65.40	715.20	174.52	1.28	-3.94	6.71	-.72	-1.15		.10	.10	.062
		3.8	-66.56	535.75	116.91	1.28	-3.94	6.71	-.73	-.86		.10	.10	.054
		7.5	-67.72	358.31	59.29	1.28	-3.94	6.71	-.74	-.57		.10	.10	.045
		11.3	-68.89	180.87	1.68	1.28	-3.94	6.71	-.76	-.28		.10	.10	.036
		15.0	-70.05	3.43	-55.93	1.28	-3.94	6.71	-.77	-.09		.10	.10	.031
301- 303 123- 1		0.0	2.27	55.37	-10.35	-.04	-.94	.08	.12	.99		.10	.10	.035
		7.3	2.27	-6.15	-7.27	-.04	-.47	.08	.12	.17		.05	.05	.009
		14.5	2.27	-26.65	-4.20	-.04	-.00	.08	.12	.48		.00	.00	.019
		21.7	2.27	-6.15	-1.12	-.04	.47	.08	.12	.11		.05	.05	.008
		29.0	2.27	55.36	1.95	-.04	.94	.08	.12	.98		.10	.10	.035
301- 306 123- 1		0.0	-.69	50.26	-9.47	-.02	-.90	.68	-.04	-.90		.10	.10	.030
		7.2	-.69	-7.67	-7.46	-.02	-.43	.68	-.04	-.19		.05	.05	.008
		14.5	-.69	-24.61	-5.45	-.02	.04	.68	-.04	-.44		.01	.01	.016
		21.7	-.69	-.56	-3.43	-.02	.51	.68	-.04	-.06		.06	.06	.004
		29.0	-.69	64.47	-1.42	-.02	.98	.68	-.04	-1.14		.11	.11	.037
301- 401 DRL- 1		0.0	-60.59	-30.22	34.60	-.27	1.33	-56.77	-.67	-.07		.07	.07	.028
		7.1	-62.80	83.77	57.64	-.27	1.33	-56.77	-.69	-.16		.07	.07	.031
		14.2	-65.01	197.77	80.68	-.27	1.33	-56.77	-.71	-.33		.07	.07	.038
		21.4	-67.21	311.76	103.72	-.27	1.33	-56.77	-.74	-.51		.07	.07	.044
		28.5	-69.42	425.76	126.76	-.27	1.33	-56.77	-.76	-.69		.07	.07	.051
303- 306 123- 1		0.0	5.14	50.45	7.30	.05	-.90	-1.02	.27	.90		.10	.10	.038
		7.2	5.14	-7.75	3.02	.05	-.43	-1.02	.27	.15		.05	.05	.014
		14.5	5.14	-24.97	-1.25	.05	.04	-1.02	.27	.44		.02	.02	.023
		21.7	5.14	-1.20	-5.52	.05	.51	-1.02	.27	.10		.06	.06	.012
		29.0	5.14	63.56	-9.80	.05	.98	-1.02	.27	1.13		.11	.11	.045
303- 403 DRL- 1		0.0	-71.14	180.20	79.80	.12	-.12	11.32	-.78	-.31		.01	.01	.039
		7.1	-73.35	169.91	69.83	.12	-.12	11.32	-.81	-.29		.01	.01	.040
		14.2	-75.56	159.62	59.86	.12	-.12	11.32	-.83	-.27		.01	.01	.040
		21.4	-77.77	149.33	49.90	.12	-.12	11.32	-.85	-.25		.01	.01	.040
		28.5	-79.98	139.04	39.93	.12	-.12	11.32	-.88	-.23		.01	.01	.041

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

DATE 08/27/76

U.S. NAVY - ACAR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406 DBL- 1		0.0	-73.89	186.04	-21.53	-.90	-1.22	25.30	-.81	-.29		.05	.05	.040
		7.1	-74.10	81.71	55.22	-.90	-1.22	25.30	-.84	-.15		.05	.05	.037
		14.2	-74.31	-22.63	131.96	-.90	-1.22	25.30	-.86	-.21		.05	.05	.039
		21.4	-80.52	-126.97	208.71	-.90	-1.22	25.30	-.88	-.38		.05	.05	.046
		28.5	-82.73	-231.30	285.45	-.90	-1.22	25.30	-.91	-.57		.05	.05	.053
401- 501 JL4- 1		0.0	54.93	-212.80	909.60	-5.72	7.94	105.83	.24	.33		.10	.10	.019
		1.1	58.96	-102.77	987.86	-5.72	8.11	105.83	.23	.35		.10	.10	.019
		2.3	57.98	9.29	1066.12	-5.72	8.27	105.83	.23	.38		.10	.10	.020
		3.4	57.01	123.58	1144.37	-5.72	8.43	105.83	.22	.41		.10	.10	.021
		4.6	56.04	240.10	1222.63	-5.72	8.59	105.83	.22	.44		.10	.10	.022
401- 510 PI- 1		0.0	-128.46	107.16	-1325.93	7.00	3.03	-232.56	-.58	-.62		.12	.12	.040
		1.1	-129.52	144.73	-1422.02	7.00	3.17	-232.56	-.58	-.67		.12	.12	.042
		2.3	-130.17	194.25	-1518.10	7.00	3.32	-232.56	-.59	-.72		.12	.12	.043
		3.4	-131.02	250.72	-1614.18	7.00	3.46	-232.56	-.59	-.76		.12	.12	.045
		4.6	-131.86	289.12	-1710.26	7.00	3.60	-232.56	-.60	-.81		.13	.13	.046
403- 503 JL4- 1		0.0	27.88	-488.86	-666.26	2.78	20.37	-73.22	.11	.29		.17	.17	.013
		1.1	26.90	-208.95	-704.38	2.78	20.53	-73.22	.11	.26		.18	.18	.012
		2.3	25.93	73.18	-742.47	2.78	20.69	-73.22	.10	.26		.18	.18	.012
		3.4	24.96	357.54	-780.56	2.78	20.86	-73.22	.10	.30		.18	.18	.013
		4.6	23.98	644.13	-818.65	2.78	21.02	-73.22	.09	.37		.18	.18	.015
403- 511 PI- 1		0.0	-108.86	446.35	804.04	-3.27	-6.11	108.80	-.48	-.43		.09	.09	.030
		1.1	-107.71	365.49	848.95	-3.27	-5.97	108.80	-.49	-.43		.09	.09	.031
		2.3	-108.56	282.58	893.87	-3.27	-5.83	108.80	-.49	-.44		.09	.09	.031
		3.4	-109.40	203.60	938.79	-3.27	-5.69	108.80	-.49	-.45		.08	.08	.031
		4.6	-110.25	120.57	983.70	-3.27	-5.55	108.80	-.50	-.46		.08	.08	.032
406- 506 JL4- 1		0.0	74.70	-24.58	-545.53	2.47	-1.87	-35.79	.29	.19		.03	.03	.016
		1.1	73.73	-49.06	-579.31	2.47	-1.71	-35.79	.29	.20		.03	.03	.017
		2.3	72.76	-71.32	-613.09	2.47	-1.55	-35.79	.29	.22		.03	.03	.017
		3.4	71.78	-91.36	-646.88	2.47	-1.38	-35.79	.28	.23		.03	.03	.017
		4.6	70.81	-109.18	-680.66	2.47	-1.22	-35.79	.28	.24		.03	.03	.017
406- 512 PI- 1		0.0	-156.51	-206.73	822.97	-3.37	14.21	107.38	-.71	-.60		.16	.16	.037
		1.1	-157.36	-10.66	869.14	-3.37	14.35	107.38	-.71	-.61		.16	.16	.038
		2.3	-158.20	186.94	915.31	-3.37	14.49	107.38	-.71	-.64		.16	.16	.039
		3.4	-159.05	386.67	961.48	-3.37	14.63	107.38	-.72	-.68		.16	.16	.040
		4.6	-159.90	588.34	1007.65	-3.37	14.77	107.38	-.72	-.75		.16	.16	.043
501- 502 105- 1		0.0	-16.50	153.04	-84.22	-.63	-2.01	-3.15	-.55	-1.56		.15	.15	.072
		3.8	-16.50	70.62	-55.43	-.63	-1.62	-3.15	-.55	-.80		.13	.13	.048
		7.6	-16.50	5.94	-26.64	-.63	-1.23	-3.15	-.55	-.24		.11	.11	.050
		11.4	-16.50	-41.01	2.15	-.63	-.84	-3.15	-.55	-.37		.08	.08	.034
		15.1	-16.50	-70.24	30.94	-.63	-.45	-3.15	-.55	-.69		.07	.07	.044

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504 105- 1		0.0	-20.27	86.74	-98.51	-.76	-1.75	-14.55	-.67	-1.18		.19	.19	.065
		3.8	-20.27	16.26	-64.17	-.76	-1.36	-14.55	-.67	-.59		.17	.17	.047
		7.6	-20.27	-36.50	-29.83	-.76	-.97	-14.55	-.67	-.42		.15	.15	.041
		11.4	-20.27	-71.54	4.51	-.76	-.58	-14.55	-.67	-.64		.13	.13	.048
		15.1	-20.27	-88.05	38.85	-.76	-.19	-14.55	-.67	-.87		.12	.12	.055
501- 601 JL5- 1		0.0	34.17	493.38	1062.54	1.74	-3.58	68.50	.24	.75		.08	.08	.032
		1.5	33.44	429.25	1050.78	1.74	-3.45	68.50	.23	.71		.08	.08	.031
		3.0	32.71	367.32	1019.02	1.74	-3.33	68.50	.23	.68		.07	.07	.029
		4.6	31.98	307.60	967.26	1.74	-3.21	68.50	.22	.65		.07	.07	.028
		6.1	31.25	250.09	955.51	1.74	-3.09	68.50	.22	.62		.07	.07	.027
501- 622 200- 1		0.0	16.92	166.32	-66.54	-.13	-1.93	1.33	.44	1.00		.11	.11	.047
		5.1	16.53	64.73	-58.62	-.13	-1.39	1.33	.43	.49		.08	.08	.031
		10.2	16.14	-4.25	-50.69	-.13	-.86	1.33	.42	.28		.05	.05	.024
		15.3	15.76	-40.64	-42.77	-.13	-.33	1.33	.41	.33		.02	.02	.025
		20.4	15.37	-44.41	-34.95	-.13	.20	1.33	.40	.32		.02	.02	.028
502- 503 105- 1		0.0	-17.12	-66.08	29.96	.42	.07	-1.03	-.57	-.67		.03	.03	.045
		3.8	-17.12	-55.88	10.76	.42	.46	-1.03	-.57	-.51		.05	.05	.040
		7.6	-17.12	-25.95	-8.44	.42	.85	-1.03	-.57	-.24		.07	.07	.031
		11.4	-17.12	21.72	-27.64	.42	1.24	-1.03	-.57	-.31		.09	.09	.034
		15.1	-17.12	87.11	-46.84	.42	1.63	-1.03	-.57	-.89		.12	.12	.052
502- 504 105- 1		0.0	-.03	.94	2.73	.04	-.24	3.70	-.00	-.10		.10	.10	.003
		3.8	-.03	-6.69	1.08	.04	-.09	3.70	-.00	-.23		.08	.08	.007
		7.6	-.03	-7.45	-.57	.04	.06	3.70	-.00	-.25		.07	.07	.008
		11.4	-.03	-1.29	-2.23	.04	.21	3.70	-.00	-.09		.10	.10	.003
		15.2	-.03	11.74	-3.88	.04	.36	3.70	-.00	-.41		.12	.12	.013
502- 505 105- 1		0.0	1.21	-.18	-1.76	-.03	-.26	-1.86	.10	.06		.08	.08	.005
		3.8	1.21	-9.36	-.30	-.03	-.13	-1.86	.10	.31		.05	.05	.013
		7.6	1.21	-11.65	1.16	-.03	.03	-1.86	.10	.39		.04	.04	.016
		11.4	1.21	-7.05	2.62	-.03	.18	-1.86	.10	.25		.06	.06	.011
		15.2	1.21	4.43	4.08	-.03	.33	-1.86	.10	.20		.09	.09	.010
503- 505 105- 1		0.0	1.84	50.86	46.06	.34	-1.48	11.72	.06	.61		.15	.15	.022
		3.8	1.84	-7.75	30.47	.34	-1.09	11.72	.06	.28		.13	.13	.011
		7.6	1.84	-48.59	14.89	.34	-.70	11.72	.06	.46		.10	.10	.016
		11.4	1.84	-71.73	-.69	.34	-.31	11.72	.06	.64		.08	.08	.022
		15.1	1.84	-77.15	-16.28	.34	.08	11.72	.06	.71		.08	.08	.024
503- 603 JL5- 1		0.0	28.28	738.06	-805.05	-.96	-3.62	-57.62	.20	.69		.07	.07	.029
		1.5	27.55	673.15	-787.51	-.96	-3.50	-57.62	.19	.65		.07	.07	.027
		3.0	26.82	610.44	-769.96	-.96	-3.38	-57.62	.19	.62		.07	.07	.026
		4.6	26.09	549.93	-752.42	-.96	-3.26	-57.62	.18	.59		.07	.07	.025
		6.1	25.36	491.64	-734.87	-.96	-3.15	-57.62	.18	.56		.06	.06	.024

S T R A N M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 14

U.S. NAVY - ACAN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	-30.75	46.90	48.94	.20	-1.47	5.54	-.81	-.38		.09	.09	.042
		5.1	-31.14	-26.26	36.56	.20	-.94	5.54	-.82	-.25		.07	.07	.039
		10.1	-31.53	-67.45	24.17	.20	-.41	5.54	-.83	-.40		.04	.04	.044
		15.2	-31.91	-76.88	11.78	.20	.11	5.54	-.84	-.43		.03	.03	.045
		20.3	-32.30	-53.94	-.61	.20	.64	5.54	-.85	-.30		.05	.05	.041
504- 505	105- 1	0.0	-1.42	12.99	.56	-.01	-.33	-2.00	-.12	-.43		.09	.09	.019
		3.8	-1.42	1.28	1.15	-.01	-.18	-2.00	-.12	-.06		.06	.06	.007
		7.6	-1.42	-5.53	1.73	-.01	-.03	-2.00	-.12	-.13		.04	.04	.009
		11.4	-1.42	-1.45	2.32	-.01	.12	-2.00	-.12	-.09		.05	.05	.006
		15.2	-1.42	7.53	2.90	-.01	.27	-2.00	-.12	-.27		.08	.08	.013
504- 506	105- 1	0.0	-19.56	-90.94	34.41	.54	.51	9.67	-.65	-.87		.09	.09	.054
		3.8	-19.56	-58.91	10.04	.54	.90	9.67	-.65	-.54		.11	.11	.044
		7.6	-19.56	-9.14	-14.33	.54	1.29	9.67	-.65	-.15		.14	.14	.032
		11.4	-19.56	58.36	-38.69	.54	1.68	9.67	-.65	-.63		.16	.16	.047
		15.2	-19.56	143.80	-63.06	.54	2.07	9.67	-.65	-1.40		.18	.18	.071
505- 506	105- 1	0.0	3.19	-82.04	-9.30	.16	.66	1.49	.11	.74		.05	.05	.027
		3.8	3.19	-42.38	-16.63	.16	1.07	1.49	.11	.41		.08	.08	.017
		7.6	3.19	15.01	-23.96	.16	1.46	1.49	.11	.25		.10	.10	.012
		11.4	3.19	90.14	-31.29	.16	1.85	1.49	.11	.85		.13	.13	.031
		15.2	3.19	185.00	-38.61	.16	2.24	1.49	.11	1.67		.16	.16	.057
506- 606	JL5- 1	0.0	55.34	257.59	-732.95	-2.80	-2.34	-23.12	.39	.49		.06	.06	.029
		1.5	54.61	215.88	-681.76	-2.80	-2.21	-23.12	.38	.45		.06	.06	.027
		3.0	53.88	176.62	-630.56	-2.80	-2.09	-23.12	.38	.41		.06	.06	.026
		4.6	53.15	139.59	-579.37	-2.80	-1.97	-23.12	.37	.37		.06	.06	.025
		6.1	52.42	104.80	-528.17	-2.80	-1.84	-23.12	.37	.34		.05	.05	.023
506- 624	200- 1	0.0	13.76	111.75	15.05	-.07	-1.70	-11.77	.36	.63		.12	.12	.032
		5.1	13.37	24.54	19.14	-.07	-1.18	-11.77	.35	.17		.09	.09	.018
		10.1	12.96	-31.16	25.23	-.07	-.65	-11.77	.34	.22		.07	.07	.019
		15.2	12.59	-54.74	27.31	-.07	-.13	-11.77	.33	.34		.04	.04	.022
		20.2	12.21	-46.40	31.90	-.07	.40	-11.77	.32	.31		.05	.05	.021
510- 710	P1- 1	0.0	-131.85	300.00	-1708.73	7.12	-2.38	-459.81	-.60	-.81		.18	.18	.047
		6.3	-136.55	148.52	-2249.96	7.12	-1.60	-459.81	-.62	-1.05		.17	.17	.056
		12.7	-141.20	52.95	1586.35	1.67	-.83	214.35	-.64	-.74		.07	.07	.047
		19.0	-145.29	16.05	1459.33	1.67	-.14	214.35	-.66	-.66		.07	.07	.046
		25.3	-149.38	30.94	1332.30	1.67	.54	214.35	-.68	-.62		.07	.07	.044
511- 711	P1- 1	0.0	-110.23	132.80	983.05	-3.42	-17.03	226.83	-.50	-.46		.21	.21	.033
		6.3	-114.93	-1132.80	1245.20	-3.42	-16.25	226.83	-.52	-.79		.20	.20	.044
		12.7	-119.61	1494.91	-968.86	-.09	-10.83	-110.77	-.54	-.77		.12	.12	.044
		19.0	-122.96	697.59	-836.36	-.09	-10.15	-110.77	-.56	-.44		.12	.12	.034
		25.3	-126.99	-47.93	-503.85	-.09	-9.46	-110.77	-.57	-.27		.11	.11	.030

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	P1- 1	0.0	-159.89	588.34	1007.71	-3.37	12.44	207.75	-.72	-.55		.17	.17	.048
		6.3	-160.59	1564.27	1263.65	-3.37	13.23	207.75	-.74	-.94		.17	.17	.057
		12.7	-170.02	-1255.84	-668.91	-.65	9.35	-129.62	-.77	-.66		.11	.11	.049
		19.0	-170.10	-499.20	-819.79	-.65	10.03	-129.62	-.79	-.37		.12	.12	.041
		25.3	-170.19	289.27	-570.66	-.65	10.71	-129.62	-.81	-.30		.13	.13	.039
601- 621	JL6- 1	0.0	21.03	118.68	711.58	2.63	-1.48	-5.89	.15	.45		.04	.04	.019
		1.5	20.30	92.70	663.64	2.63	-1.36	-5.89	.14	.42		.04	.04	.018
		3.0	19.57	66.95	615.70	2.63	-1.24	-5.89	.14	.39		.04	.04	.017
		4.6	18.84	47.42	567.77	2.63	-1.12	-5.89	.13	.36		.04	.04	.016
		6.1	18.11	20.11	519.83	2.63	-1.00	-5.89	.13	.33		.04	.04	.015
603- 623	JL6- 1	0.0	15.21	300.51	-496.93	-1.78	-1.65	5.46	.11	.39		.04	.04	.016
		1.5	14.48	331.32	-464.47	-1.78	-1.53	5.46	.10	.36		.03	.03	.015
		3.0	13.75	304.56	-432.00	-1.78	-1.41	5.46	.10	.33		.03	.03	.014
		4.6	13.02	280.02	-399.53	-1.78	-1.28	5.46	.09	.31		.03	.03	.013
		6.1	12.30	257.70	-367.07	-1.78	-1.16	5.46	.09	.28		.03	.03	.012
606- 626	JL6- 1	0.0	52.43	104.80	-528.24	-2.80	-1.67	-21.41	.37	.34		.05	.05	.023
		1.5	51.70	75.55	-477.07	-2.80	-1.55	-21.41	.36	.30		.05	.05	.022
		3.0	50.97	46.09	-425.91	-2.80	-1.43	-21.41	.36	.27		.05	.05	.021
		4.6	50.24	23.02	-374.74	-2.80	-1.31	-21.41	.35	.24		.05	.05	.020
		6.1	49.51	.15	-323.57	-2.80	-1.19	-21.41	.35	.20		.05	.05	.018
621- 651	JL6- 1	0.0	18.11	30.68	519.67	2.64	-.98	-6.64	.13	.33		.04	.04	.015
		1.5	17.46	13.67	471.56	2.64	-.86	-6.64	.12	.30		.04	.04	.014
		3.0	16.84	-1.42	423.46	2.64	-.77	-6.64	.12	.27		.04	.04	.012
		4.6	16.21	-14.58	375.35	2.64	-.67	-6.64	.11	.24		.04	.04	.011
		6.1	15.58	-25.63	327.24	2.64	-.56	-6.64	.11	.21		.04	.04	.010
622- 703	200- 1	0.0	15.37	-44.39	-34.86	-.15	.38	1.68	.40	.32		.03	.03	.024
		5.4	15.40	-21.01	-25.36	-.15	.34	1.68	.40	.18		.02	.02	.020
		10.9	15.43	-.48	-15.87	-.15	.29	1.68	.41	.09		.02	.02	.017
		16.3	15.47	16.22	-5.87	-.18	.17	1.68	.41	.10		.02	.02	.017
		21.8	15.50	19.46	9.54	-.29	-.07	1.68	.41	.12		.02	.02	.018
623- 653	JL6- 1	0.0	12.30	259.51	-365.76	-1.78	-1.15	6.19	.09	.28		.03	.03	.012
		1.5	11.66	259.42	-333.24	-1.78	-1.05	6.19	.08	.26		.03	.03	.011
		3.0	11.03	221.25	-300.70	-1.78	-.94	6.19	.08	.23		.03	.03	.010
		4.6	10.39	205.00	-268.16	-1.78	-.84	6.19	.07	.21		.03	.03	.009
		6.1	9.76	190.67	-235.62	-1.78	-.73	6.19	.07	.19		.03	.03	.008
624- 701	200- 1	0.0	12.21	-46.40	31.40	-.07	.40	-11.76	.32	.31		.05	.05	.021
		5.5	12.24	-21.78	35.98	-.07	.35	-11.76	.32	.24		.05	.05	.019
		11.0	12.27	-.05	40.57	-.07	.31	-11.76	.32	.23		.05	.05	.018
		16.5	12.30	16.36	44.81	-.03	.22	-11.76	.32	.27		.04	.04	.020
		21.9	12.31	26.50	42.40	.10	.03	-11.76	.32	.28		.04	.04	.020

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706 200- 1		0.0	-32.30	-53.94	-.62	.22	.63	5.51	-.85	-.30		.05	.05	.042
		5.5	-32.27	-14.24	-15.18	.22	.58	5.51	-.85	-.12		.05	.05	.036
		11.0	-32.24	22.55	-29.73	.22	.54	5.51	-.85	-.21		.05	.05	.039
		16.4	-32.20	56.44	-44.26	.22	.49	5.51	-.85	-.40		.04	.04	.045
		21.9	-32.17	87.45	-58.84	.22	.45	5.51	-.85	-.59		.04	.04	.051
626- 656 JL6- 1		0.0	49.51	.15	-323.53	-2.80	-1.27	-21.93	.35	.20		.05	.05	.018
		1.5	48.88	-22.14	-272.35	-2.80	-1.17	-21.93	.34	.17		.05	.05	.017
		3.0	48.24	-42.49	-221.17	-2.80	-1.06	-21.93	.34	.14		.05	.05	.016
		4.6	47.61	-50.92	-169.99	-2.80	-.96	-21.93	.33	.11		.05	.05	.015
		6.1	46.97	-77.41	-118.81	-2.80	-.85	-21.93	.33	.09		.05	.05	.014
651- 701 JL6- 1		0.0	12.10	-76.51	219.62	2.02	.90	-59.19	.08	.15		.05	.05	.008
		1.8	11.36	-56.13	176.60	2.02	1.02	-59.19	.08	.12		.05	.05	.006
		3.5	10.62	-33.24	133.66	2.00	1.11	-59.19	.07	.09		.05	.05	.005
		5.3	9.89	-9.14	91.52	1.96	1.15	-59.19	.07	.06		.05	.05	.004
		7.1	9.15	15.72	50.41	1.90	1.18	-59.19	.06	.03		.05	.05	.003
653- 703 JL6- 1		0.0	6.75	151.33	-127.20	-1.29	.81	60.42	.05	.12		.04	.04	.006
		1.8	6.01	169.94	-99.70	-1.29	.94	60.42	.04	.12		.04	.04	.005
		3.5	5.27	191.28	-72.49	-1.25	1.07	60.42	.04	.13		.04	.04	.005
		5.3	4.53	215.75	-46.70	-1.17	1.23	60.42	.03	.14		.04	.04	.005
		7.1	3.80	243.60	-22.49	-1.10	1.39	60.42	.03	.15		.04	.04	.006
656- 706 JL6- 1		0.0	46.97	-77.41	-118.80	-2.80	-.87	-21.99	.33	.09		.05	.05	.014
		1.8	46.23	-94.68	-59.08	-2.80	-.75	-21.99	.32	.07		.05	.05	.013
		3.5	45.49	-109.34	.65	-2.81	-.64	-21.99	.32	.07		.05	.05	.013
		5.3	44.74	-122.15	60.64	-2.83	-.57	-21.99	.31	.09		.05	.05	.014
		7.1	43.99	-133.44	121.00	-2.84	-.49	-21.99	.31	.11		.05	.05	.014
701- 702 137- 1		0.0	-3.37	-8.40	-30.01	-.05	.10	-3.12	-.18	-.56		.04	.04	.026
		4.7	-3.37	-3.06	-24.41	-.15	.09	-3.12	-.18	-.43		.05	.05	.022
		9.4	-3.37	2.01	-13.52	-.24	.09	-3.12	-.18	-.24		.05	.05	.016
		14.1	-3.37	6.82	2.64	-.33	.08	-3.12	-.18	-.13		.06	.06	.013
		18.8	-3.37	11.37	24.09	-.43	.08	-3.12	-.18	-.47		.07	.07	.024
701- 704 137- 1		0.0	-4.66	-15.55	-30.52	-.04	.13	.68	-.24	-.60		.02	.02	.031
		4.7	-4.69	-8.57	-25.42	-.14	.12	.68	-.24	-.47		.03	.03	.027
		9.4	-4.70	-1.85	-14.43	-.25	.12	.68	-.24	-.26		.03	.03	.020
		14.1	-4.70	4.60	2.84	-.35	.11	.68	-.24	-.09		.04	.04	.015
		18.8	-4.71	10.79	25.20	-.46	.11	.68	-.24	-.48		.05	.05	.027
701- 801 JL7- 1		0.0	18.74	-49.07	74.35	.71	.43	5.72	.27	.11		.03	.03	.013
		7.1	17.31	-13.26	20.09	.55	.41	5.72	.24	.03		.02	.02	.009
		14.2	15.87	20.20	-18.45	.34	.38	5.72	.22	.03		.02	.02	.009
		21.3	14.42	51.49	-37.22	.10	.37	5.72	.20	.08		.01	.01	.010
		28.4	12.98	84.25	-54.54	-.16	.41	5.72	.18	.12		.02	.02	.010

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MA IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
701- 806	200- 1	0.0	-4.99	-46.76	10.62	.50	.44	11.75	-.13	-.27		.07	.07	.014
		12.5	-4.93	.91	-45.63	.24	.20	11.75	-.13	-.26		.05	.05	.014
		25.1	-4.86	15.20	-59.72	-.07	.00	11.75	-.13	-.34		.04	.04	.017
		37.6	-4.77	3.54	-23.20	-.43	-.15	11.75	-.13	-.13		.06	.06	.010
		50.2	-4.66	-20.65	72.40	-.85	-.25	11.75	-.12	-.43		.08	.08	.019
702- 703	137- 1	0.0	-4.00	12.21	17.59	.51	-.12	1.89	-.21	-.38		.05	.05	.022
		4.7	-4.00	5.46	2.60	.22	-.12	1.89	-.21	-.11		.04	.04	.014
		9.4	-4.00	-1.57	-7.10	.13	-.13	1.89	-.21	-.13		.04	.04	.014
		14.1	-4.00	-8.65	-11.53	.03	-.13	1.89	-.21	-.26		.03	.03	.018
		18.8	-4.00	-16.40	-10.58	-.06	-.14	1.89	-.21	-.35		.03	.03	.021
702- 704	107- 1	0.0	-.03	-2.25	.99	.01	.10	.65	-.00	-.08		.03	.03	.003
		4.7	-.03	1.97	.38	.01	.05	.65	-.00	-.07		.02	.02	.002
		9.4	-.03	3.54	-.22	.01	.00	.65	-.00	-.12		.01	.01	.004
		14.1	-.03	2.48	-.85	.01	-.04	.65	-.00	-.09		.02	.02	.003
		18.8	-.03	-1.22	-1.44	.01	-.09	.65	-.00	-.06		.03	.03	.002
702- 705	107- 1	0.0	.96	-3.08	5.51	.15	.10	-.15	.08	.21		.03	.03	.009
		4.7	.96	1.11	-.80	.08	.05	-.15	.08	.05		.02	.02	.004
		9.4	.98	2.65	-2.94	-.00	.00	-.15	.08	.13		.00	.00	.007
		14.1	.99	1.57	-.93	-.09	-.04	-.15	.08	.05		.02	.02	.005
		18.8	.98	-2.15	7.60	-.19	-.09	-.15	.08	.26		.04	.04	.011
703- 705	157- 1	0.0	4.87	-17.56	17.37	.12	.14	-1.83	.25	.43		.04	.04	.022
		4.7	4.87	-9.60	10.73	.12	.14	-1.83	.25	.25		.03	.03	.017
		9.4	4.87	-2.10	4.09	.12	.13	-1.83	.25	.08		.03	.03	.011
		14.1	4.87	5.13	-2.54	.12	.13	-1.83	.25	.10		.03	.03	.012
		18.8	4.87	12.10	-9.18	.12	.12	-1.83	.25	.27		.03	.03	.017
703- 801	200- 1	0.0	-5.24	-75.52	-59.77	-.63	.72	-12.72	-.14	-.54		.09	.09	.023
		12.5	-5.14	4.20	15.95	-.37	.35	-12.72	-.14	-.09		.06	.06	.009
		25.1	-5.04	31.86	50.08	-.08	.02	-12.72	-.13	-.33		.04	.04	.017
		37.6	-4.93	15.25	37.64	.25	-.26	-12.72	-.13	-.22		.05	.05	.013
		50.2	-4.81	-44.64	-26.35	.61	-.50	-12.72	-.13	-.29		.08	.08	.015
703- 803	JL7- 1	0.0	17.31	177.49	-79.11	-.76	-1.13	-20.68	.24	.25		.05	.05	.016
		7.1	15.87	96.66	-26.31	-.48	-.76	-20.68	.22	.13		.04	.04	.012
		14.2	14.43	50.51	1.25	-.16	-.31	-20.68	.20	.06		.02	.02	.009
		21.3	12.96	46.07	-1.06	.22	.23	-20.68	.18	.06		.02	.02	.008
		28.4	11.46	91.67	-37.53	.63	.85	-20.68	.16	.13		.04	.04	.010
704- 705	107- 1	0.0	-.99	-.98	7.41	.19	.09	-.37	-.08	-.25		.04	.04	.011
		4.7	-.99	2.82	-.47	.09	.04	-.37	-.08	-.10		.02	.02	.007
		9.4	-.99	5.47	-3.07	-.00	-.00	-.37	-.08	-.17		.01	.01	.009
		14.1	-.99	2.48	-.39	-.09	-.05	-.37	-.08	-.08		.02	.02	.006
		18.8	-.99	-1.65	7.57	-.19	-.10	-.37	-.08	-.26		.04	.04	.012

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ACMN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706 137- 1		0.0	-4.06	10.43	16.35	.33	-.07	-.72	-.21	-.34		.04	.04	.021
		4.7	-4.06	6.22	.55	.23	-.08	-.72	-.21	-.11		.03	.03	.014
		9.4	-4.07	1.76	-9.36	.12	-.06	-.72	-.21	-.17		.02	.02	.016
		14.1	-4.07	-2.97	-13.38	.02	-.09	-.72	-.21	-.24		.02	.02	.018
		18.8	-4.08	-7.97	-11.50	-.09	-.09	-.72	-.21	-.25		.02	.02	.018
705- 706 137- 1		0.0	6.19	11.40	5.99	.11	-.06	1.57	.32	.23		.03	.03	.018
		4.7	6.19	7.61	-.25	.11	-.07	1.57	.32	.13		.03	.03	.015
		9.4	6.19	3.56	-6.44	.11	-.07	1.57	.32	.13		.03	.03	.015
		14.1	6.19	-.75	-12.66	.11	-.08	1.57	.32	.22		.03	.03	.018
		18.8	6.19	-5.33	-18.87	.11	-.06	1.57	.32	.35		.03	.03	.022
706- 803 200- 1		0.0	6.06	-98.47	46.71	.18	1.11	-2.41	.16	.61		.07	.07	.025
		12.5	6.11	25.35	22.09	.15	.54	-2.41	.16	.19		.04	.04	.012
		25.1	6.16	65.16	2.34	.11	-.03	-2.41	.16	.35		.01	.01	.017
		37.6	6.23	15.69	-13.38	.10	-.59	-2.41	.16	.12		.04	.04	.009
		50.2	6.34	-115.40	-29.39	.12	-1.12	-2.41	.17	.66		.07	.07	.026
706- 806 JL7- 1		0.0	19.16	-162.63	81.21	.73	.55	.76	.27	.23		.03	.03	.017
		7.1	17.66	-111.51	22.45	.65	.67	.76	.25	.14		.03	.03	.013
		14.2	16.20	-48.20	-30.28	.58	.82	.76	.23	.07		.03	.03	.010
		21.3	14.73	29.69	-76.96	.51	1.01	.76	.21	.10		.03	.03	.011
		28.4	13.26	125.55	-117.59	.44	1.24	.76	.19	.22		.04	.04	.013
710- 810 P2- 1		0.0	-149.38	32.91	1332.11	1.63	-1.39	52.03	-.59	-.56		.03	.03	.039
		7.1	-150.58	-48.99	1193.15	1.63	-.55	52.03	-.62	-.50		.02	.02	.038
		14.2	-151.78	-57.27	1054.19	1.63	.34	52.03	-.64	-.44		.02	.02	.037
		21.3	-160.98	8.09	915.23	1.63	1.20	52.03	-.66	-.38		.03	.03	.036
		28.4	-170.18	147.08	776.27	1.63	2.06	52.03	-.68	-.33		.03	.03	.035
711- 811 P2- 1		0.0	-126.99	-47.05	-503.89	-.66	-1.15	-60.23	-.51	-.24		.02	.02	.026
		7.1	-132.19	-108.30	-527.80	-.66	-.29	-60.23	-.53	-.22		.02	.02	.026
		14.2	-137.39	-95.91	-471.71	-.66	.58	-60.23	-.55	-.20		.02	.02	.026
		21.3	-142.60	-9.90	-415.62	-.66	1.44	-60.23	-.57	-.17		.03	.03	.026
		28.4	-147.79	149.75	-359.53	-.66	2.31	-60.23	-.59	-.16		.03	.03	.027
712- 812 P2- 1		0.0	-178.17	289.27	-570.57	-.65	-2.56	-36.05	-.71	-.27		.03	.03	.035
		7.1	-183.38	107.74	-515.55	-.65	-1.70	-36.05	-.73	-.22		.02	.02	.034
		14.2	-188.58	-.08	-460.54	-.65	-.83	-36.05	-.75	-.19		.02	.02	.034
		21.3	-193.78	-34.19	-405.52	-.65	.05	-36.05	-.77	-.17		.01	.01	.034
		28.4	-198.96	5.40	-350.51	-.65	.90	-36.05	-.79	-.15		.02	.02	.034
801- 802 148- 1		0.0	-1.00	-.75	-31.35	.01	.13	-1.48	-.05	-.47		.02	.02	.017
		5.7	-1.00	-1.27	-28.05	-.11	.09	-1.48	-.05	-.41		.02	.02	.015
		11.4	-1.00	5.87	-16.97	-.22	.06	-1.48	-.05	-.25		.03	.03	.010
		17.1	-1.00	6.68	1.89	-.33	.02	-1.48	-.05	-.10		.04	.04	.006
		22.8	-1.00	7.15	28.55	-.45	-.01	-1.48	-.05	-.43		.05	.05	.016

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
801- 804	148- 1	0.0	-1.42	-14.96	-32.59	.01	.15	-1.17	-.07	-.52		.02	.02	.020
		5.7	-1.43	-6.18	-28.95	-.12	.11	-1.17	-.07	-.43		.02	.02	.017
		11.4	-1.44	.28	-16.62	-.24	.08	-1.17	-.07	-.24		.03	.03	.011
		17.1	-1.45	4.36	4.41	-.37	.04	-1.17	-.07	-.09		.04	.04	.006
		22.8	-1.45	6.13	34.13	-.50	.01	-1.17	-.07	-.50		.06	.06	.020
801- 901	JL6- 1	0.0	9.18	-66.09	37.87	.47	.25	11.30	.13	.10		.02	.02	.008
		6.1	7.47	-38.25	6.78	.17	.33	11.30	.11	.05		.02	.02	.005
		10.2	5.77	-2.42	5.15	-.13	.41	11.30	.08	.01		.02	.02	.003
		24.3	4.06	41.94	32.63	-.43	.51	11.30	.06	.07		.03	.03	.004
		32.4	2.37	97.66	67.60	-.70	.64	11.30	.03	.17		.03	.03	.006
801- 903	200- 1	0.0	1.91	-98.91	45.96	.76	.91	6.11	.05	.61		.08	.08	.021
		14.9	2.01	21.92	-50.44	.32	.44	6.11	.05	.31		.05	.05	.012
		29.8	2.10	58.77	-68.43	-.12	-.03	6.11	.06	.50		.02	.02	.018
		44.7	2.18	13.56	-10.25	-.52	-.47	6.11	.06	.10		.05	.05	.005
		59.6	2.22	-104.02	113.03	-.65	-.64	6.11	.06	.86		.08	.08	.029
802- 803	148- 1	0.0	-1.88	8.00	15.01	.28	-.01	-1.30	-.09	-.25		.04	.04	.013
		5.7	-1.88	6.11	-.07	.16	-.04	-1.30	-.09	-.09		.03	.03	.008
		11.4	-1.88	1.88	-7.35	.05	-.06	-1.30	-.09	-.11		.02	.02	.008
		17.1	-1.88	-4.69	-6.85	-.06	-.11	-1.30	-.09	-.12		.02	.02	.009
		22.8	-1.88	-13.59	1.45	-.18	-.15	-1.30	-.09	-.20		.03	.03	.011
802- 804	108- 1	0.0	-.16	.48	1.00	.01	-.00	.39	-.01	-.04		.01	.01	.002
		5.7	-.16	.58	.66	.01	-.00	.39	-.01	-.03		.01	.01	.001
		11.4	-.16	.28	.32	.01	-.00	.39	-.01	-.01		.01	.01	.001
		17.1	-.16	.18	-.02	.01	-.00	.39	-.01	-.01		.01	.01	.001
		22.8	-.16	.08	-.37	.01	-.00	.39	-.01	-.01		.01	.01	.001
802- 805	108- 1	0.0	1.14	-.49	12.54	.26	.00	.04	.10	.42		.04	.04	.017
		5.7	1.13	-.37	-.93	.13	.00	.04	.10	.03		.02	.02	.004
		11.4	1.12	-.24	-5.70	.01	.00	.04	.09	.19		.00	.00	.009
		17.1	1.12	-.12	-1.77	-.12	.00	.04	.09	.06		.02	.02	.005
		22.8	1.11	.00	10.85	-.25	.00	.04	.09	.36		.04	.04	.015
803- 805	148- 1	0.0	-5.31	-11.07	11.60	.07	.14	.14	-.25	-.23		.02	.02	.021
		5.7	-5.31	-2.93	7.02	.07	.10	.14	-.25	-.11		.01	.01	.017
		11.4	-5.31	2.68	2.45	.07	.07	.14	-.25	-.05		.01	.01	.015
		17.1	-5.31	6.35	-2.12	.07	.03	.14	-.25	-.10		.01	.01	.016
		22.8	-5.31	7.47	-6.70	.07	-.00	.14	-.25	-.15		.01	.01	.018
803- 903	JL6- 1	0.0	16.99	-48.60	2.53	-.79	-.85	2.36	.24	.06		.03	.03	.010
		8.1	15.32	-93.72	56.11	-.50	-.06	2.36	.22	.14		.01	.01	.012
		16.2	13.66	-57.78	60.71	.21	.81	2.36	.19	.11		.03	.03	.010
		24.3	12.02	67.17	14.19	.75	1.77	2.36	.17	.09		.06	.06	.09
		32.4	10.34	286.35	-63.05	1.26	2.79	2.36	.15	.38		.09	.09	.017

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906	200- 1	0.0	-4.25	-7.68	27.56	.11	.20	1.08	-.11	-.16		.02	.02	.011
		14.9	-4.13	9.75	8.97	.10	.01	1.08	-.11	-.07		.01	.01	.008
		29.8	-4.04	4.45	-6.27	.07	-.05	1.08	-.11	-.04		.01	.01	.007
		44.7	-3.95	-2.05	-14.74	.02	.00	1.08	-.10	-.06		.00	.00	.008
		59.6	-3.86	11.79	-13.99	-.03	.17	1.08	-.10	-.10		.01	.01	.008
804- 805	100- 1	0.0	-1.00	.56	9.99	.23	-.00	-.15	-.08	-.33		.04	.04	.015
		5.7	-1.00	.48	-1.61	.11	-.00	-.15	-.08	-.06		.02	.02	.006
		11.4	-1.00	.40	-5.42	-.00	-.00	-.15	-.08	-.18		.00	.00	.010
		17.1	-1.00	.32	-1.43	-.12	-.00	-.15	-.08	-.05		.02	.02	.005
		22.8	-1.00	.24	10.56	-.23	-.00	-.15	-.08	-.35		.04	.04	.015
804- 806	100- 1	0.0	-.83	5.68	23.77	.39	.01	-.34	-.04	-.35		.04	.04	.013
		5.7	-.84	5.09	1.52	.26	-.03	-.34	-.04	-.08		.03	.03	.005
		11.4	-.85	2.17	-12.44	.14	-.06	-.34	-.04	-.18		.02	.02	.008
		17.1	-.85	-3.10	-17.49	.01	-.09	-.34	-.04	-.26		.01	.01	.010
		22.8	-.86	-10.70	-13.85	-.12	-.13	-.34	-.04	-.25		.02	.02	.010
805- 806	100- 1	0.0	-3.84	7.26	14.52	.15	-.00	.02	-.18	-.23		.01	.01	.017
		5.7	-3.84	6.09	4.27	.15	-.03	.02	-.18	-.11		.01	.01	.013
		11.4	-3.84	2.58	-5.97	.15	-.07	.02	-.18	-.09		.02	.02	.013
		17.1	-3.84	-3.27	-16.21	.15	-.10	.02	-.18	-.24		.02	.02	.017
		22.8	-3.84	-11.45	-26.46	.15	-.14	.02	-.18	-.42		.02	.02	.023
805- 901	200- 1	0.0	2.54	-107.12	-130.72	-1.16	.95	-11.39	.07	.95		.11	.11	.032
		14.9	2.62	15.38	30.05	-.03	.45	-11.39	.07	.19		.07	.07	.008
		29.8	2.73	53.98	91.40	-.04	-.01	-11.39	.07	.59		.03	.03	.021
		44.7	2.86	11.92	44.02	.57	-.46	-11.39	.08	.26		.07	.07	.011
		59.6	2.99	-110.15	-113.95	1.19	-.91	-11.39	.08	.89		.11	.11	.031
806- 906	100- 1	0.0	9.14	-40.01	-51.19	-.13	-.16	-39.51	.13	.06		.03	.03	.007
		8.1	7.46	-44.05	-33.55	-.24	.11	-39.51	.11	.07		.03	.03	.006
		16.2	5.78	-16.90	-4.06	-.38	.46	-39.51	.08	.02		.04	.04	.004
		24.3	4.09	48.26	41.18	-.56	.89	-39.51	.06	.08		.05	.05	.005
		32.4	2.38	156.53	106.17	-.78	1.39	-39.51	.03	.24		.07	.07	.009
810- 910	P2- 1	0.0	-170.17	146.21	776.39	1.66	-1.92	45.28	-.68	-.33		.03	.03	.036
		8.1	-176.12	7.52	614.93	1.66	-.93	45.28	-.70	-.26		.02	.02	.034
		16.2	-182.06	-34.55	453.47	1.66	.06	45.28	-.72	-.19		.02	.02	.033
		24.3	-188.00	20.01	292.02	1.66	1.06	45.28	-.75	-.12		.03	.03	.032
		32.4	-193.95	171.20	130.56	1.66	2.05	45.28	-.77	-.09		.03	.03	.032
811- 911	P2- 1	0.0	-147.79	149.34	-359.63	-.68	-2.11	-20.29	-.59	-.16		.02	.02	.027
		8.1	-153.73	-8.00	-295.34	-.68	-1.12	-20.29	-.61	-.12		.01	.01	.027
		16.2	-159.66	-66.71	-227.05	-.68	-.13	-20.29	-.64	-.10		.01	.01	.027
		24.3	-165.62	-32.79	-160.76	-.68	.87	-20.29	-.66	-.07		.01	.01	.027
		32.4	-171.56	99.76	-94.47	-.68	1.86	-20.29	-.68	-.06		.02	.02	.027

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	PG- 1	0.0	-198.98	5.40	-350.56	-.65	-1.26	-103.91	-.79	-.15		.03	.03	.034
		8.1	-204.92	-69.16	-287.69	-.65	-.27	-103.91	-.82	-.12		.03	.03	.034
		16.2	-210.86	-47.18	-224.81	-.65	.72	-103.91	-.84	-.10		.03	.03	.034
		24.3	-216.81	71.33	-161.93	-.65	1.71	-103.91	-.86	-.07		.04	.04	.035
		32.4	-222.75	250.39	-99.05	-.65	2.71	-103.91	-.89	-.13		.04	.04	.037
901- 902	109- 1	0.0	-3.69	-43.58	-29.54	.19	.42	-.02	-.15	-.58		.04	.04	.027
		6.9	-3.69	-15.13	-36.54	-.02	.32	-.02	-.15	-.42		.03	.03	.022
		13.7	-3.69	8.29	-26.82	-.22	.21	-.02	-.15	-.30		.03	.03	.018
		20.6	-3.69	20.69	.21	-.45	.10	-.02	-.15	-.23		.04	.04	.016
		27.4	-3.69	24.06	43.96	-.03	-.01	-.02	-.15	-.55		.05	.05	.026
901- 904	109- 1	0.0	-3.98	-30.05	-30.93	.22	.50	.30	-.16	-.47		.03	.03	.024
		6.9	-3.97	-9.32	-39.11	-.02	.20	.30	-.16	-.44		.02	.02	.023
		13.7	-3.95	3.81	-27.01	-.27	.12	.30	-.16	-.30		.03	.03	.018
		20.6	-3.94	10.73	5.58	-.52	.05	.30	-.16	-.13		.04	.04	.013
		27.4	-3.92	12.86	58.04	-.78	.00	.30	-.16	-.65		.06	.06	.029
901-1001	JL9- 1	0.0	6.54	-70.39	61.26	.45	-.15	38.85	.09	.12		.04	.04	.007
		8.1	4.85	-75.29	31.09	.20	.04	38.85	.07	.10		.03	.03	.006
		16.2	3.17	-60.70	19.04	.06	.27	38.85	.04	.08		.03	.03	.004
		24.3	1.49	-22.43	17.64	-.01	.52	38.85	.02	.04		.04	.04	.002
		32.4	-.19	41.01	18.56	.01	.78	38.85	-.00	-.06		.05	.05	.002
901-1002	100- 1	0.0	-3.13	-46.64	50.87	.82	.64	1.95	-.11	-.60		.08	.08	.024
		10.6	-2.96	11.64	-27.54	.41	.32	1.95	-.11	-.26		.05	.05	.013
		21.1	-2.84	32.13	-54.00	.00	.00	1.95	-.10	-.54		.01	.01	.022
		31.7	-2.70	12.22	-28.50	-.41	-.32	1.95	-.10	-.26		.05	.05	.013
		42.2	-2.55	-47.89	48.97	-.82	-.63	1.95	-.09	-.59		.08	.08	.023
901-1004	100- 1	0.0	-.13	11.54	42.56	.77	-.06	.91	-.00	-.38		.06	.06	.012
		10.6	.00	.40	-30.99	.59	-.04	.91	.00	.26		.03	.03	.008
		21.1	.17	-8.98	-54.19	-.02	-.05	.91	.01	.47		.01	.01	.015
		31.7	.34	-11.60	-23.25	-.48	.02	.91	.01	.22		.04	.04	.007
		42.2	.49	-.98	69.67	-1.00	.15	.91	.02	.60		.08	.08	.019
902- 903	109- 1	0.0	-4.87	25.48	24.44	.41	-.00	-1.64	-.20	-.39		.04	.04	.023
		6.9	-4.87	20.67	-1.05	.21	-.11	-1.64	-.20	-.23		.03	.03	.016
		13.7	-4.87	7.27	-11.03	.03	-.22	-1.64	-.20	-.14		.03	.03	.016
		20.6	-4.87	-15.34	-6.92	-.13	-.33	-1.64	-.20	-.18		.04	.04	.017
		27.4	-4.87	-46.98	9.89	-.28	-.44	-1.64	-.20	-.52		.05	.05	.028
902- 904	109- 1	0.0	-.21	2.12	.96	.00	-.01	.43	-.02	-.08		.01	.01	.003
		6.9	-.21	1.21	.66	.00	-.01	.43	-.02	-.05		.01	.01	.002
		13.7	-.21	.29	.41	.00	-.01	.43	-.02	-.02		.01	.01	.001
		20.6	-.21	-.62	.13	.00	-.01	.43	-.02	-.02		.01	.01	.002
		27.4	-.21	-1.54	-.14	.00	-.01	.43	-.02	-.05		.01	.01	.003

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905 109- 1		0.0	1.60	.02	18.56	.32	-.00	-.05	.13	.62		.05	.05	.024
		6.9	1.59	-.14	-1.37	.17	-.00	-.05	.13	.05		.03	.03	.006
		13.7	1.58	-.29	-4.72	.01	-.00	-.05	.13	.29		.00	.00	.014
		20.6	1.57	-.45	-3.48	-.14	-.00	-.05	.13	.12		.02	.02	.008
		27.4	1.56	-.61	14.53	-.29	-.00	-.05	.13	.46		.05	.05	.020
903- 905 169- 1		0.0	-4.37	-43.14	16.75	.10	.42	.87	-.26	-.51		.04	.04	.031
		6.9	-4.37	-13.33	8.45	.10	.31	.87	-.26	-.17		.03	.03	.020
		13.7	-4.37	7.51	.14	.10	.20	.87	-.26	-.08		.02	.02	.017
		20.6	-4.37	19.33	-8.17	.10	.09	.87	-.26	-.23		.02	.02	.022
		27.4	-4.37	22.12	-16.48	.10	-.02	.87	-.26	-.30		.01	.01	.024
903-1002 160- 1		0.0	.66	-5.25	-71.73	-.71	.16	5.22	.02	.61		.08	.08	.020
		10.6	.83	6.02	3.55	-.46	.03	5.22	.03	.06		.06	.06	.003
		21.1	1.02	4.66	41.50	-.12	-.04	5.22	.04	.36		.03	.03	.012
		31.7	1.16	-3.14	31.22	.29	-.07	5.22	.04	.27		.04	.04	.010
		42.2	1.32	-10.69	-33.30	.73	-.04	5.22	.05	.30		.08	.08	.011
903-1003 JL6- 1		0.0	9.03	143.61	-107.29	-1.30	-2.44	-35.85	.13	.23		.10	.10	.012
		8.1	7.33	-41.91	-5.69	-.78	-1.37	-35.85	.10	.05		.07	.07	.005
		16.2	5.62	-125.09	43.90	-.25	-.29	-35.85	.08	.17		.03	.03	.008
		24.3	3.93	-96.06	39.52	.31	.81	-35.85	.06	.13		.05	.05	.006
		32.4	2.23	34.68	-14.89	.60	1.92	-35.85	.03	.05		.08	.08	.003
903-1005 160- 1		0.0	1.76	38.43	22.17	.14	-.31	-.42	.06	.38		.03	.03	.014
		10.6	1.92	2.66	7.53	.10	-.24	-.42	.07	.07		.02	.02	.005
		21.1	2.08	-19.44	-3.23	.08	-.10	-.42	.08	.17		.01	.01	.008
		31.7	2.24	-16.55	-11.86	.06	.13	-.42	.08	.19		.01	.01	.009
		42.2	2.40	10.07	-16.07	.01	.44	-.42	.09	.19		.03	.03	.009
904- 905 109- 1		0.0	-1.50	-.65	22.65	.42	.01	-.22	-.13	-.76		.07	.07	.031
		6.9	-1.60	-.07	-3.14	.21	.01	-.22	-.13	-.11		.04	.04	.010
		13.7	-1.60	.51	-12.01	.01	.01	-.22	-.13	-.40		.01	.01	.020
		20.6	-1.60	1.09	-3.97	-.20	.01	-.22	-.13	-.14		.04	.04	.011
		27.4	-1.60	1.68	20.99	-.41	.01	-.22	-.13	-.70		.07	.07	.029
904- 906 169- 1		0.0	-2.86	12.24	35.25	.60	-.02	-1.28	-.12	-.41		.06	.06	.019
		6.9	-2.85	9.26	-3.50	.34	-.06	-1.28	-.12	-.11		.04	.04	.010
		13.7	-2.85	2.90	-20.74	.07	-.10	-1.28	-.12	-.23		.02	.02	.014
		20.6	-2.85	-6.85	-15.25	-.21	-.14	-1.28	-.12	-.18		.03	.03	.012
		27.4	-2.87	-19.99	14.21	-.51	-.18	-1.28	-.12	-.27		.05	.05	.015
905- 906 169- 1		0.0	-4.18	20.75	18.45	.13	-.02	.03	-.17	-.31		.01	.01	.019
		6.9	-4.18	15.43	8.31	.13	-.11	.03	-.17	-.19		.01	.01	.016
		13.7	-4.18	3.90	-2.23	.13	-.17	.03	-.17	-.05		.02	.02	.011
		20.6	-4.18	-11.49	-12.77	.13	-.21	.03	-.17	-.19		.02	.02	.015
		27.4	-4.18	-30.25	-25.31	.13	-.25	.03	-.17	-.42		.02	.02	.023

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 14

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	150- 1	0.0	-2.65	-55.48	-94.08	-1.12	.67	3.11	-.10	-.93		.11	.11	.038
		10.6	-2.52	8.36	15.90	-.02	.34	3.11	-.09	-.15		.06	.06	.009
		21.1	-2.39	50.64	81.45	-.09	.01	3.11	-.09	-.59		.02	.02	.022
		31.7	-2.26	10.29	35.96	.54	-.33	3.11	-.08	-.30		.06	.06	.013
		42.2	-2.14	-55.77	-75.19	1.19	-.68	3.11	-.08	-.79		.11	.11	.028
906-1005	180- 1	0.0	-4.62	-99.03	29.00	.24	1.20	-.07	-.17	-.88		.09	.09	.035
		10.6	-4.43	15.74	5.14	.14	.61	-.07	-.16	-.14		.05	.05	.012
		21.1	-4.24	56.27	-6.27	.04	.03	-.07	-.15	-.48		.00	.00	.022
		31.7	-4.04	22.57	-5.24	-.06	-.56	-.07	-.15	-.20		.04	.04	.013
		42.2	-3.85	-85.34	8.23	-.16	-1.14	-.07	-.14	-.73		.08	.08	.029
906-1005	JLY- 1	0.0	4.77	-63.41	40.36	.74	-1.01	-40.37	.07	.10		.06	.06	.005
		8.1	3.07	-134.21	-19.57	.48	-.42	-40.37	.04	.17		.04	.04	.007
		16.2	1.39	-141.51	-51.48	.18	.29	-40.37	.02	.19		.04	.04	.007
		24.3	-.30	-73.55	-51.96	-.19	1.13	-40.37	-.00	-.11		.06	.06	.004
		32.4	-2.00	81.95	-12.57	-.65	2.09	-40.37	-.03	-.11		.09	.09	.004
1010- 910	P3- 1	0.0	-221.91	-359.51	501.33	1.62	-.97	102.62	-.75	-.22		.03	.03	.035
		8.1	-214.92	-397.01	343.38	1.62	.20	102.62	-.73	-.19		.03	.03	.033
		16.2	-207.92	-321.05	185.43	1.62	1.36	102.62	-.70	-.13		.03	.03	.030
		24.3	-200.93	-131.58	27.48	1.62	2.53	102.62	-.68	-.05		.04	.04	.027
		32.4	-193.94	171.34	-130.47	1.62	3.70	102.62	-.66	-.08		.05	.05	.027
1011- 911	P3- 1	0.0	-149.53	534.72	-159.41	-.65	-3.45	-108.83	-.67	-.20		.04	.04	.032
		8.1	-142.53	255.79	-95.94	-.65	-2.28	-108.83	-.65	-.10		.04	.04	.027
		16.2	-135.54	90.34	-32.48	-.65	-1.12	-108.83	-.63	-.03		.03	.03	.025
		24.3	-128.55	36.37	30.99	-.65	.05	-108.83	-.60	-.02		.02	.02	.023
		32.4	-121.56	99.87	94.46	-.65	1.21	-108.83	-.58	-.05		.03	.03	.023
1012- 912	P3- 1	0.0	-250.71	-1137.07	-152.43	-.65	1.32	-137.63	-.85	-.41		.03	.03	.045
		8.1	-243.71	-951.55	-89.55	-.65	2.49	-137.63	-.82	-.34		.04	.04	.042
		16.2	-236.72	-652.46	-26.67	-.65	3.66	-137.63	-.80	-.24		.05	.05	.037
		24.3	-229.73	-239.82	36.21	-.65	4.82	-137.63	-.78	-.09		.06	.06	.032
		32.4	-222.74	280.39	99.09	-.65	5.99	-137.63	-.75	-.11		.07	.07	.032
1001-1002	200- 1	0.0	1.10	-21.87	-38.67	.48	.24	-23.67	.03	.25		.09	.09	.009
		8.0	1.10	-2.84	-65.40	.08	.16	-23.67	.03	.37		.08	.08	.013
		16.0	1.10	8.50	-53.63	-.32	.08	-23.67	.03	.30		.08	.08	.011
		24.0	1.10	12.14	-3.37	-.72	-.00	-23.67	.03	.07		.10	.10	.003
		32.0	1.10	8.08	65.39	-1.12	-.08	-23.67	.03	.48		.13	.13	.016
1001-1004	200- 1	0.0	2.90	-10.45	-36.85	.56	.11	-19.20	.08	.21		.08	.08	.009
		8.0	2.91	-3.40	-67.54	.09	.03	-19.20	.08	.38		.06	.06	.015
		16.0	2.92	-4.04	-53.35	-.38	-.05	-19.20	.08	.30		.07	.07	.012
		24.0	2.92	-12.39	5.53	-.65	-.13	-19.20	.08	.08		.10	.10	.005
		32.0	2.93	-28.43	109.50	-1.31	-.21	-19.20	.08	.63		.12	.12	.023

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 14

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	-5.16	-22.52	42.52	.69	.19	22.91	-.14	-.27		.10	.10	.016
		8.0	-5.16	-7.93	-5.57	.31	.11	22.91	-.14	-.05		.08	.08	.009
		16.0	-5.16	-1.05	-19.02	-.03	.03	22.91	-.14	-.11		.07	.07	.011
		24.0	-5.16	-1.86	-1.67	-.33	-.05	22.91	-.14	-.01		.08	.08	.008
		32.0	-5.16	-10.37	42.62	-.59	-.15	22.91	-.14	-.25		.10	.10	.015
1002-1004	140- 1	0.0	-.54	16.15	3.20	.01	.07	-2.66	-.03	-.31		.03	.03	.011
		8.0	-.54	17.26	2.07	.01	-.04	-2.66	-.03	-.33		.03	.03	.012
		16.0	-.54	7.59	.95	.01	-.16	-2.66	-.03	-.14		.04	.04	.006
		24.0	-.54	-12.86	-.18	.01	-.27	-2.66	-.03	-.24		.06	.06	.009
		32.0	-.54	-44.09	-1.30	.01	-.38	-2.66	-.03	-.85		.07	.07	.028
1002-1005	140- 1	0.0	4.93	5.81	44.45	.64	.15	.87	.31	.84		.09	.09	.037
		8.0	4.94	12.88	-3.26	.35	.04	.87	.31	.25		.05	.05	.019
		16.0	4.95	11.17	-21.80	.03	-.07	.87	.31	.46		.02	.02	.025
		24.0	4.94	-1.52	-8.90	-.30	-.19	.87	.31	.17		.05	.05	.016
		32.0	4.92	-24.59	36.51	-.65	-.30	.87	.31	.83		.10	.10	.037
1003-1005	200- 1	0.0	-5.95	-.04	19.71	.13	.04	-3.96	-.16	-.11		.02	.02	.012
		8.0	-5.95	-.52	6.92	.13	-.05	-3.96	-.16	-.04		.02	.02	.009
		16.0	-5.95	-8.70	-5.87	.13	-.13	-3.96	-.16	-.06		.02	.02	.010
		24.0	-5.95	-24.58	-18.65	.13	-.21	-3.96	-.16	-.17		.02	.02	.014
		32.0	-5.95	-48.17	-31.44	.13	-.29	-3.96	-.16	-.32		.03	.03	.018
1004-1005	140- 1	0.0	-4.87	-32.37	47.14	.76	.31	1.58	-.30	-1.07		.12	.12	.047
		8.0	-4.87	-8.02	-7.19	.37	.20	1.58	-.30	-.20		.07	.07	.020
		16.0	-4.87	5.56	-24.95	.00	.09	1.58	-.30	-.48		.03	.03	.029
		24.0	-4.87	8.35	-8.07	-.35	-.03	1.58	-.30	-.22		.06	.06	.020
		32.0	-4.87	.37	41.53	-.68	-.14	1.58	-.30	-.78		.10	.10	.038
1004-1006	200- 1	0.0	8.12	19.33	54.20	.97	.01	14.99	.21	.52		.09	.09	.018
		8.0	8.12	16.84	-15.99	.49	-.07	14.99	.21	.13		.07	.07	.012
		16.0	8.12	6.65	-39.63	.00	-.15	14.99	.21	.22		.05	.05	.015
		24.0	8.10	-11.24	-15.04	-.51	-.23	14.99	.21	.11		.07	.07	.011
		32.0	8.07	-30.84	59.45	-1.04	-.31	14.99	.21	.39		.10	.10	.020
1005-1006	200- 1	0.0	5.37	41.80	41.86	.21	-.09	4.62	.14	.33		.03	.03	.015
		8.0	5.37	29.75	21.64	.21	-.17	4.62	.14	.21		.03	.03	.011
		16.0	5.37	9.99	1.42	.21	-.25	4.62	.14	.06		.03	.03	.007
		24.0	5.37	-17.47	-18.80	.21	-.33	4.62	.14	.14		.03	.03	.009
		32.0	5.37	-52.62	-39.02	.21	-.41	4.62	.14	.37		.04	.04	.016

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102 W18- 1		0.0	-4.20	400.21	-1.14	-.01	-7.04	.01	-.26	4.49	-.11	.00	1.09	.156
		3.6	-4.20	131.52	-.72	-.01	-5.32	.01	-.26	1.48	-.07	.00	.83	.060
		7.3	-4.20	-62.27	-.31	-.01	-3.59	.01	-.26	-.70	-.03	.00	.56	.034
		10.9	-4.20	-181.16	.10	-.01	-1.87	.01	-.26	-2.03	.01	.00	.29	.075
		14.5	-4.20	-225.15	.51	-.01	-.15	.01	-.26	-2.53	.05	.00	.02	.092
101- 104 W18- 1		0.0	-4.32	400.35	-1.50	-.01	-7.04	-.01	-.27	4.49	-.14	.00	1.09	.158
		3.6	-4.32	131.01	-.92	-.01	-5.32	-.01	-.27	1.48	-.09	.00	.83	.061
		7.2	-4.32	-62.28	-.34	-.01	-3.60	-.01	-.27	-.70	-.03	.00	.56	.034
		10.9	-4.32	-181.33	.23	-.01	-1.86	-.01	-.27	-2.03	.02	.00	.29	.076
		14.5	-4.32	-225.55	.81	-.01	-.16	-.01	-.27	-2.53	.08	.00	.02	.094
101- 201 DKL- 1		0.0	-19.08	-546.66	600.48	6.37	3.72	-2.63	-.21	-1.08		.16	.16	.042
		3.8	-20.24	-179.17	313.95	6.37	3.72	-2.63	-.22	-.57		.16	.16	.026
		7.5	-21.40	-11.68	27.42	6.37	3.72	-2.63	-.23	-.05		.16	.16	.010
		11.3	-22.57	155.81	-259.11	6.37	3.72	-2.63	-.25	-.47		.16	.16	.024
		15.0	-23.73	325.30	-545.64	6.37	3.72	-2.63	-.26	-.99		.16	.16	.041
102- 103 W18- 1		0.0	-4.20	-225.04	.69	.01	.20	-.02	-.26	-2.53	.06	.00	.03	.093
		3.6	-4.20	-178.99	.04	.01	1.92	-.02	-.26	-2.01	.00	.00	.30	.074
		7.3	-4.20	-58.04	-.61	.01	3.64	-.02	-.26	-.65	-.06	.00	.57	.033
		10.9	-4.20	137.61	-1.25	.01	5.36	-.02	-.26	1.55	-.12	.00	.83	.064
		14.5	-4.20	408.56	-1.90	.01	7.09	-.02	-.26	4.58	-.18	.00	1.10	.162
102- 104 W08- 1		0.0	.01	.15	-.02	-.00	-.17	-.00	.00	.01	-.00	.00	.09	.000
		3.6	.01	-5.57	-.02	-.00	-.09	-.00	.00	-.27	-.00	.00	.04	.009
		7.2	.01	-7.47	-.01	-.00	-.00	-.00	.00	-.36	-.00	.00	.00	.011
		10.9	.01	-5.60	-.01	-.00	.09	-.00	.00	-.27	-.00	.00	.04	.009
		14.5	.01	.05	-.01	-.00	.17	-.00	.00	.00	-.00	.00	.09	.000
102- 105 W08- 1		0.0	.02	-.09	-.16	-.00	-.17	.00	.00	-.00	-.03	.00	.09	.001
		3.6	.02	-5.75	-.05	-.00	-.09	.00	.00	-.28	-.01	.00	.04	.009
		7.2	.02	-7.62	.05	-.00	.00	.00	.00	-.37	.01	.00	.00	.012
		10.9	.02	-5.71	.16	-.00	.09	.00	.00	-.27	.03	.00	.05	.010
		14.5	.02	-.02	.27	-.00	.17	.00	.00	-.00	.05	.00	.09	.002
103- 105 W18- 1		0.0	-6.19	406.42	2.18	.02	-7.07	.02	-.38	4.58	.20	.00	1.10	.168
		3.6	-6.19	138.44	1.45	.02	-5.35	.02	-.38	1.55	.14	.00	.83	.070
		7.2	-6.19	-56.70	.73	.02	-3.63	.02	-.38	-.64	.07	.00	.56	.039
		10.9	-6.19	-177.01	.00	.02	-1.91	.02	-.38	-1.99	.00	.00	.30	.079
		14.5	-6.19	-222.48	-.72	.02	-.19	.02	-.38	-2.50	-.07	.00	.03	.097
103- 203 DKL- 1		0.0	-19.15	-353.66	-612.87	-7.31	5.34	4.08	-.21	-1.11		.20	.20	.043
		3.8	-20.32	-113.45	-295.85	-7.31	5.34	4.08	-.22	-.48		.20	.20	.023
		7.5	-21.48	126.75	45.16	-7.31	5.34	4.08	-.24	-.21		.20	.20	.015
		11.3	-22.64	366.96	374.18	-7.31	5.34	4.08	-.25	-.82		.20	.20	.035
		15.0	-23.80	607.17	703.20	-7.31	5.34	4.08	-.26	-1.45		.20	.20	.055

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15 — PAGE — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 W08- 1		0.0	-.04	-.11	-.10	-.00	-.17	-.00	-.01	-.01	-.02	.00	.09	.001
		3.6	-.04	-5.77	-.02	-.00	-.09	-.00	-.01	-.28	-.00	.00	.04	.009
		7.3	-.04	-7.64	.07	-.00	.00	-.00	-.01	-.37	.01	.00	.00	.012
		10.9	-.04	-5.73	.16	-.00	.09	-.00	-.01	-.28	.03	.00	.05	.010
		14.5	-.04	-.03	.24	-.00	.17	-.00	-.01	-.00	.04	.00	.09	.002
104- 106 W18- 1		0.0	-4.30	-225.47	.91	.01	.19	.01	-.27	-2.53	.06	.00	.03	.094
		3.6	-4.30	-179.72	.34	.01	1.91	.01	-.27	-2.02	.03	.00	.30	.076
		7.3	-4.30	-59.05	-.22	.01	5.63	.01	-.27	-.66	-.02	.00	.56	.033
		10.9	-4.30	136.54	-.76	.01	5.36	.01	-.27	1.53	-.07	.00	.83	.062
		14.5	-4.30	413.20	-1.35	.01	12.06	.01	-.27	4.64	-.13	.00	1.67	.162
105- 106 W18- 1		0.0	-6.16	-222.48	-.21	.00	.16	-.01	-.38	-2.50	-.02	.00	.03	.096
		3.6	-6.16	-177.91	-.29	.00	1.89	-.01	-.38	-2.00	-.03	.00	.29	.080
		7.3	-6.16	-58.42	-.37	.00	3.61	-.01	-.38	-.66	-.03	.00	.56	.038
		10.9	-6.16	135.99	-.45	.00	5.33	-.01	-.38	1.53	-.04	.00	.83	.066
		14.5	-6.16	405.33	-.54	.00	7.05	-.01	-.38	4.55	-.05	.00	1.09	.161
106- 206 DKL- 1		0.0	-19.88	758.02	-33.30	.63	-9.57	1.70	-.22	-1.19		.21	.21	.045
		3.8	-21.04	327.22	-61.72	.63	-9.57	1.70	-.23	-.52		.21	.21	.025
		7.5	-22.20	-103.58	-90.14	.63	-9.57	1.70	-.24	-.21		.21	.21	.016
		11.3	-23.37	-530.38	-118.56	.63	-9.57	1.70	-.26	-.86		.21	.21	.036
		15.0	-24.53	-965.18	-146.98	.63	-9.57	1.70	-.27	-1.53		.21	.21	.058
201- 202 W18- 1		0.0	2.10	585.53	-1.65	-.02	-10.12	.05	.13	6.57	-.15	.00	1.57	.217
		3.6	2.10	199.27	-.99	-.02	-7.64	.05	.13	2.24	-.09	.00	1.19	.078
		7.3	2.10	-78.98	-.53	-.02	-5.15	.05	.13	-.89	-.03	.00	.80	.034
		10.9	2.10	-249.21	.33	-.02	-2.67	.05	.13	-2.80	.03	.00	.42	.094
		14.5	2.10	-311.42	.99	-.02	-.19	.05	.13	-3.49	.09	.00	.03	.118
201- 204 W18- 1		0.0	2.42	584.88	-1.27	-.01	-10.12	-.05	.15	6.56	-.12	.00	1.57	.217
		3.6	2.42	198.81	-.84	-.01	-7.64	-.05	.15	2.23	-.08	.00	1.19	.078
		7.2	2.42	-79.35	-.41	-.01	-5.16	-.05	.15	-.89	-.04	.00	.80	.035
		10.9	2.42	-249.58	.03	-.01	-2.67	-.05	.15	-2.80	.00	.00	.42	.094
		14.5	2.42	-311.89	.46	-.01	-.19	-.05	.15	-3.50	.04	.00	.03	.117
201- 301 DKL- 1		0.0	-51.47	-233.84	412.34	3.17	2.13	-11.83	-.56	-.74		.09	.09	.044
		3.8	-52.64	-137.97	269.82	3.17	2.13	-11.83	-.58	-.47		.09	.09	.036
		7.5	-53.80	-42.10	127.30	3.17	2.13	-11.83	-.59	-.21		.09	.09	.028
		11.3	-54.96	53.77	-15.22	3.17	2.13	-11.83	-.60	-.09		.09	.09	.025
		15.0	-56.12	149.65	-157.74	3.17	2.13	-11.83	-.62	-.34		.09	.09	.033
201- 303 120- 1		0.0	.71	52.20	-1.64	.01	-.90	.33	.04	.92		.10	.10	.030
		8.2	.46	-15.35	-3.07	.01	-.45	.33	.02	.24		.05	.05	.008
		16.3	.22	-62.71	-4.50	.01	.04	.33	.01	.58		.01	.01	.019
		24.5	-.02	-5.92	-5.92	.01	.51	.33	-.00	-.15		.06	.06	.005
		32.6	-.27	67.05	-7.35	.01	.98	.33	-.01	-1.19		.10	.10	.038

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
202- 203 W18- 1		0.0	2.09	-522.76	1.21	.02	.23	-.05	.13	-3.62	.11	.00	.04	.123
		3.6	2.09	-258.90	.29	.02	2.71	-.05	.13	-2.91	.03	.00	.42	.097
		7.3	2.09	-87.03	-.63	.02	5.19	-.05	.13	-.98	-.06	.00	.81	.037
		10.9	2.09	192.87	-1.54	.02	7.68	-.05	.13	2.16	-.14	.00	1.19	.078
		14.5	2.09	580.78	-2.46	.02	10.16	-.05	.13	6.52	-.23	.00	1.58	.218
202- 204 W08- 1		0.0	.02	-11.26	-.02	.00	-.17	.00	.00	-.54	-.00	.00	.09	.017
		3.6	.02	-16.96	-.03	.00	-.09	.00	.00	-.82	-.00	.00	.05	.026
		7.2	.02	-18.88	-.04	.00	-.04	.00	.00	-.91	-.01	.00	.00	.029
		10.9	.02	-17.03	-.04	.00	.09	.00	.00	-.82	-.01	.00	.04	.026
		14.5	.02	-11.59	-.05	.00	.17	.00	.00	-.55	-.01	.00	.09	.018
202- 205 W08- 1		0.0	.02	11.59	-.20	-.00	-.24	-.02	.00	.55	-.03	.00	.13	.019
		3.6	.02	2.82	-.07	-.00	-.15	-.02	.00	.14	-.01	.00	.08	.005
		7.2	.02	-1.97	.05	-.00	-.07	-.02	.00	-.09	.01	.00	.04	.004
		10.9	.02	-2.97	.17	-.00	.02	-.02	.00	-.14	.03	.01	.02	.006
		14.5	.02	-.19	.29	-.00	.11	-.02	.00	-.01	.05	.01	.06	.002
203- 205 W18- 1		0.0	2.78	1294.28	2.01	.01	-22.66	-.07	.17	14.58	.19	.00	3.52	.473
		3.6	2.78	436.42	1.37	.01	-17.03	-.07	.17	4.90	.13	.00	2.64	.165
		7.2	2.78	-181.46	.74	.01	-11.39	-.07	.17	-2.04	.07	.00	1.77	.073
		10.9	2.78	-554.34	.10	.01	-5.76	-.07	.17	-6.22	.01	.00	.90	.203
		14.5	2.78	-882.24	-.54	.01	-.12	-.07	.17	-7.66	-.05	.00	.02	.249
203- 303 VAL- 1		0.0	-63.41	-551.75	-549.55	-4.52	4.00	17.06	-.70	-1.22		.15	.15	.064
		3.8	-64.57	-371.85	-345.91	-4.52	4.00	17.06	-.71	-.79		.15	.15	.051
		7.5	-65.73	-191.94	-142.47	-4.52	4.00	17.06	-.72	-.37		.15	.15	.038
		11.3	-65.89	-12.04	60.97	-4.52	4.00	17.06	-.73	-.10		.15	.15	.030
		15.0	-68.06	167.66	264.41	-4.52	4.00	17.06	-.75	-.49		.15	.15	.042
203- 306 120- 1		0.0	-1.02	40.21	8.51	.04	-.84	-2.07	-.05	-.72		.11	.11	.025
		8.2	-1.26	-19.09	4.41	.04	-.37	-2.07	-.07	-.35		.06	.06	.014
		16.3	-1.51	-36.24	.31	.04	.10	-2.07	-.08	-.57		.03	.03	.022
		24.5	-1.75	.76	-3.78	.04	.57	-2.07	-.09	-.01		.08	.08	.006
		32.6	-1.99	79.90	-7.88	.04	1.04	-2.07	-.10	-1.42		.13	.13	.050
204- 205 W08- 1		0.0	-.03	11.59	-.05	-.00	-.24	.02	-.00	.55	-.01	.00	.13	.019
		3.6	-.03	2.81	.02	-.00	-.15	.02	-.00	.13	.00	.00	.08	.005
		7.3	-.03	-2.00	.08	-.00	-.07	.02	-.00	-.10	.02	.00	.04	.004
		10.9	-.03	-3.01	.15	-.00	.02	.02	-.00	-.14	.03	.01	.02	.006
		14.5	-.03	-.25	.22	-.00	.11	.02	-.00	-.01	.04	.01	.06	.002
204- 206 W18- 1		0.0	2.45	-323.30	.46	.01	.22	.05	.15	-3.63	.04	.00	.04	.121
		3.6	2.45	-259.05	.14	.01	2.71	.05	.15	-2.91	.01	.00	.42	.098
		7.3	2.45	-87.91	-.18	.01	5.19	.05	.15	-.99	-.02	.00	.81	.037
		10.9	2.45	191.66	-.50	.01	7.67	.05	.15	2.15	-.05	.00	1.19	.075
		14.5	2.45	547.05	-.82	.01	10.00	.05	.15	6.59	-.08	.00	2.59	.216

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 A16- 1		0.0	2.81	-682.22	-.02	.00	.09	.07	.17	-7.66	-.00	.00	.02	.248
		5.6	2.81	-555.67	-.19	.00	5.75	.07	.17	-6.24	-.02	.00	.89	.204
		7.3	2.81	-183.84	-.37	.00	11.37	.07	.17	-2.06	-.03	.00	1.77	.072
		10.9	2.81	433.28	-.54	.00	17.00	.07	.17	4.86	-.05	.00	2.64	.161
		14.5	2.81	1295.07	-.72	.00	22.64	.07	.17	14.54	-.07	.00	3.52	.467
206- 301 120- 1		0.0	2.17	49.30	-5.59	-.03	-.89	-3.49	.11	.87		.12	.12	.032
		5.2	1.93	-15.27	-2.46	-.03	-.42	-3.49	.10	.27		.07	.07	.012
		15.3	1.68	-33.69	.68	-.03	.05	-3.49	.09	.59		.04	.04	.022
		24.5	1.44	-5.96	3.81	-.03	.52	-3.49	.07	.12		.08	.08	.007
		32.6	1.19	67.91	6.94	-.03	.99	-3.49	.06	1.20		.13	.13	.040
206- 306 DAL- 1		0.0	-65.62	705.76	177.50	1.19	-3.69	-.12	-.72	-1.14		.09	.09	.062
		3.8	-66.78	539.77	124.00	1.19	-3.69	-.12	-.73	-.87		.09	.09	.054
		7.5	-67.94	373.78	70.49	1.19	-3.69	-.12	-.75	-.60		.09	.09	.046
		11.3	-69.10	207.79	16.99	1.19	-3.69	-.12	-.76	-.33		.09	.09	.038
		15.0	-70.27	41.80	-36.52	1.19	-3.69	-.12	-.77	-.09		.09	.09	.031
301- 303 123- 1		0.0	3.21	56.01	-2.01	.02	-.95	-.87	.17	.99		.11	.11	.037
		7.3	3.21	-6.01	-3.50	.02	-.48	-.87	.17	.12		.06	.06	.010
		14.5	3.21	-27.03	-5.00	.02	-.01	-.87	.17	.48		.01	.01	.021
		21.7	3.21	-7.05	-6.49	.02	.47	-.87	.17	.17		.06	.06	.011
		29.0	3.21	53.93	-7.99	.02	.94	-.87	.17	.96		.11	.11	.036
301- 306 123- 1		0.0	-.04	47.90	-7.01	-.02	-.89	.66	-.00	-.85		.10	.10	.027
		7.2	-.04	-9.04	-4.97	-.02	-.42	.66	-.00	-.18		.05	.05	.006
		14.5	-.04	-24.99	-2.93	-.02	.05	.66	-.00	-.44		.01	.01	.014
		21.7	-.04	.08	-.89	-.02	.52	.66	-.00	-.02		.06	.06	.001
		29.0	-.04	66.07	1.14	-.02	.99	.66	-.00	-1.17		.11	.11	.037
301- 401 DAL- 1		0.0	-58.91	45.07	28.92	-.03	.85	-31.80	-.65	-.08		.04	.04	.027
		7.1	-61.12	117.75	31.62	-.03	.85	-31.80	-.67	-.19		.04	.04	.032
		14.2	-63.32	190.44	34.31	-.03	.85	-31.80	-.70	-.30		.04	.04	.036
		21.4	-65.53	263.12	37.01	-.03	.85	-31.80	-.72	-.42		.04	.04	.041
		28.5	-67.74	335.81	39.71	-.03	.85	-31.80	-.74	-.53		.04	.04	.045
303- 306 123- 1		0.0	3.88	51.25	12.51	.06	-.91	-1.51	.20	.93		.11	.11	.036
		7.2	3.88	-7.04	7.29	.06	-.43	-1.51	.20	.18		.06	.06	.013
		14.5	3.88	-24.35	2.07	.06	.04	-1.51	.20	.43		.02	.02	.021
		21.7	3.88	-.67	-3.15	.06	.51	-1.51	.20	.06		.07	.07	.009
		29.0	3.88	64.00	-8.37	.06	.98	-1.51	.20	1.14		.12	.12	.043
303- 403 DAL- 1		0.0	-70.89	118.77	119.13	.79	.57	44.24	-.78	-.26		.06	.06	.038
		7.1	-73.10	167.85	51.66	.79	.57	44.24	-.80	-.27		.06	.06	.039
		14.2	-75.31	216.92	-15.81	.79	.57	44.24	-.83	-.34		.06	.06	.042
		21.4	-77.52	266.00	-83.28	.79	.57	44.24	-.85	-.44		.06	.06	.046
		28.5	-79.73	315.08	-150.75	.79	.57	44.24	-.88	-.55		.06	.06	.051

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DBL- 1	0.0	-74.08	227.45	-3.06	-.06	-1.42	13.16	-.81	-.36		.04	.04	.042
		7.1	-76.29	106.10	2.16	-.06	-1.42	13.16	-.84	-.17		.04	.04	.037
		14.2	-78.50	-15.25	7.39	-.06	-1.42	13.16	-.86	-.03		.04	.04	.034
		21.4	-80.71	-136.59	12.61	-.06	-1.42	13.16	-.89	-.21		.04	.04	.041
		28.5	-82.92	-257.94	17.83	-.06	-1.42	13.16	-.91	-.40		.04	.04	.047
401- 501	JL4- 1	0.0	44.69	-386.43	919.72	-5.21	13.57	102.51	.18	.35		.13	.13	.017
		1.1	43.72	-201.83	991.01	-5.21	13.73	102.51	.17	.36		.13	.13	.017
		2.3	42.75	-12.60	1062.31	-5.21	13.89	102.51	.17	.37		.13	.13	.018
		3.4	41.77	178.66	1133.60	-5.21	14.05	102.51	.16	.40		.14	.14	.018
		4.6	40.80	372.15	1204.89	-5.21	14.22	102.51	.16	.44		.14	.14	.020
401- 510	P1- 1	0.0	-111.57	253.23	-1220.23	5.96	-2.82	-184.58	-.50	-.58		.10	.10	.036
		1.1	-112.42	215.46	-1301.96	5.96	-2.68	-184.58	-.51	-.62		.10	.10	.037
		2.3	-113.27	179.04	-1383.70	5.96	-2.54	-184.58	-.51	-.65		.10	.10	.039
		3.4	-114.11	145.76	-1465.43	5.96	-2.40	-184.58	-.52	-.69		.10	.10	.040
		4.6	-114.96	115.65	-1547.16	5.96	-2.26	-184.58	-.52	-.73		.10	.10	.041
403- 503	JL4- 1	0.0	37.98	-308.72	-863.11	5.40	15.64	-90.12	.15	.32		.15	.15	.015
		1.1	37.01	-93.53	-937.06	5.40	15.80	-90.12	.15	.33		.15	.15	.016
		2.3	36.03	123.90	-1011.01	5.40	15.97	-90.12	.14	.36		.15	.15	.016
		3.4	35.06	343.55	-1084.96	5.40	16.13	-90.12	.14	.40		.15	.15	.017
		4.6	34.09	565.43	-1158.91	5.40	16.29	-90.12	.13	.45		.15	.15	.019
403- 511	P1- 1	0.0	-116.65	348.35	1241.45	-5.94	-2.40	202.77	-.54	-.60		.11	.11	.038
		1.1	-119.50	316.45	1322.94	-5.94	-2.25	202.77	-.54	-.64		.10	.10	.039
		2.3	-120.34	286.49	1404.43	-5.94	-2.11	202.77	-.54	-.67		.10	.10	.040
		3.4	-121.19	258.48	1485.93	-5.94	-1.97	202.77	-.55	-.71		.10	.10	.041
		4.6	-122.04	232.40	1567.42	-5.94	-1.83	202.77	-.55	-.74		.10	.10	.043
406- 506	JL4- 1	0.0	79.41	2.50	-6.22	-.08	-3.55	15.04	.31	.00		.03	.03	.011
		1.1	78.44	-44.95	-5.12	-.08	-3.39	15.04	.31	.02		.03	.03	.011
		2.3	77.47	-90.18	-4.02	-.06	-3.22	15.04	.30	.03		.03	.03	.012
		3.4	76.49	-133.19	-2.92	-.08	-3.06	15.04	.30	.05		.03	.03	.012
		4.6	75.52	-173.97	-1.82	-.08	-2.90	15.04	.30	.06		.03	.03	.012
406- 512	P1- 1	0.0	-161.44	-260.44	21.65	.02	15.72	.86	-.73	-.12		.14	.14	.029
		1.1	-162.29	-43.84	21.39	.02	15.86	.86	-.73	-.02		.14	.14	.026
		2.3	-163.14	174.69	21.12	.02	16.00	.86	-.74	-.08		.14	.14	.028
		3.4	-163.98	395.16	20.85	.02	16.14	.86	-.74	-.19		.15	.15	.032
		4.6	-164.83	617.56	20.59	.02	16.29	.86	-.74	-.29		.15	.15	.035
501- 502	105- 1	0.0	-9.31	125.29	-61.16	-.48	-1.84	-2.25	-.31	-1.25		.14	.14	.052
		3.8	-9.31	50.55	-39.41	-.48	-1.45	-2.25	-.31	-.57		.11	.11	.031
		7.6	-9.31	-6.46	-17.64	-.48	-1.06	-2.25	-.31	-.17		.09	.09	.018
		11.4	-9.31	-45.74	4.14	-.48	-.67	-2.25	-.31	-.41		.06	.06	.026
		15.1	-9.31	-67.24	25.91	-.48	-.28	-2.25	-.31	-.65		.05	.05	.033

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACHH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504 105- 1		0.0	-23.97	62.84	-67.44	-.47	-1.58	-15.32	-.79	-.83		.18	.18	.059
		3.8	-23.97	-.27	-46.21	-.47	-1.19	-15.32	-.79	-.41		.15	.15	.046
		7.6	-23.97	-45.65	-24.98	-.47	-.80	-15.32	-.79	-.47		.13	.13	.048
		11.4	-23.97	-75.31	-3.75	-.47	-.41	-15.32	-.79	-.66		.11	.11	.054
		15.1	-23.97	-85.24	17.48	-.47	-.02	-15.32	-.79	-.76		.10	.10	.057
501- 601 JL5- 1		0.0	25.77	566.26	1065.56	1.79	-3.56	103.88	.19	.77		.09	.09	.031
		1.5	25.04	504.09	1052.93	1.79	-3.46	103.88	.18	.73		.09	.09	.029
		3.0	25.31	442.13	1020.29	1.79	-3.34	103.88	.18	.70		.09	.09	.028
		4.5	24.58	382.37	987.66	1.79	-3.21	103.88	.17	.67		.08	.08	.027
		6.1	23.85	324.82	955.03	1.79	-3.09	103.88	.17	.63		.08	.08	.026
501- 622 200- 1		0.0	2.54	136.25	-41.69	-.02	-1.77	3.93	.07	.80		.10	.10	.027
		5.1	2.16	43.98	-40.48	-.02	-1.24	3.93	.06	.33		.08	.08	.013
		10.2	1.77	-15.68	-39.28	-.02	-.71	3.93	.05	.24		.05	.05	.009
		15.3	1.38	-42.74	-38.07	-.02	-.18	3.93	.04	.32		.02	.02	.011
		20.4	1.00	-37.19	-36.86	-.02	.36	3.93	.03	.29		.03	.03	.010
502- 503 105- 1		0.0	-9.12	-67.07	29.42	.58	.23	1.76	-.30	-.66		.05	.05	.033
		3.8	-9.12	-47.76	5.17	.58	.62	1.76	-.30	-.43		.06	.06	.026
		7.6	-9.12	-10.72	-23.09	.58	1.01	1.76	-.30	-.23		.08	.08	.020
		11.4	-9.12	44.06	-49.34	.58	1.40	1.76	-.30	-.59		.11	.11	.031
		15.1	-9.12	116.57	-75.60	.58	1.79	1.76	-.30	-1.24		.13	.13	.052
502- 504 105- 1		0.0	.75	-.41	.21	.02	-.25	5.30	.06	.02		.10	.10	.003
		3.8	.75	-8.50	-.55	.02	-.10	5.30	.06	.28		.07	.07	.011
		7.6	.75	-9.70	-1.32	.02	.05	5.30	.06	.33		.06	.06	.013
		11.4	.75	-4.00	-2.09	.02	.20	5.30	.06	.15		.09	.09	.007
		15.2	.75	8.57	-2.85	.02	.35	5.30	.06	.30		.11	.11	.012
502- 505 105- 1		0.0	.43	-.50	-3.75	-.04	-.26	-3.12	.04	.13		.10	.10	.005
		3.8	.43	-8.66	-1.80	-.04	-.10	-3.12	.04	.30		.07	.07	.011
		7.6	.43	-9.94	.13	-.04	.05	-3.12	.04	.33		.06	.06	.012
		11.4	.43	-4.32	2.06	-.04	.20	-3.12	.04	.16		.09	.09	.006
		15.2	.43	8.18	3.99	-.04	.35	-3.12	.04	.30		.11	.11	.011
503- 505 105- 1		0.0	-1.81	60.67	81.55	.04	-1.57	15.57	-.06	-.91		.17	.17	.031
		3.8	-1.81	-1.93	52.69	.04	-1.18	15.57	-.06	-.47		.15	.15	.017
		7.6	-1.81	-46.79	23.83	.04	-.79	15.57	-.06	-.47		.13	.13	.017
		11.4	-1.81	-73.94	-5.03	.04	-.40	15.57	-.06	-.66		.11	.11	.023
		15.1	-1.81	-85.36	-33.89	.04	-.01	15.57	-.06	-.81		.10	.10	.028
503- 603 JL5- 1		0.0	56.62	686.45	-1139.53	-2.03	-3.95	-74.43	.26	.84		.09	.09	.035
		1.5	55.89	617.55	-1102.44	-2.03	-3.83	-74.43	.25	.79		.08	.08	.034
		3.0	55.16	548.64	-1065.36	-2.03	-3.70	-74.43	.25	.75		.08	.08	.032
		4.6	54.43	482.35	-1028.28	-2.03	-3.58	-74.43	.24	.71		.08	.08	.031
		6.1	53.70	418.08	-991.20	-2.03	-3.46	-74.43	.24	.68		.08	.08	.030

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
503- 625	200- 1	0.0	-26.70	46.46	59.81	.17	-1.47	-.39	-.70	-.42		.08	.08	.040
		5.1	-27.09	-27.02	49.40	.17	-.95	-.39	-.71	-.32		.05	.05	.037
		10.1	-27.47	-68.54	39.00	.17	-.42	-.39	-.72	-.44		.02	.02	.041
		15.2	-27.86	-78.10	28.60	.17	.11	-.39	-.75	-.47		.01	.01	.042
		20.3	-28.25	-55.08	18.19	.17	.63	-.39	-.74	-.33		.04	.04	.038
504- 505	105- 1	0.0	-1.42	11.31	2.19	.01	-.31	-.07	-.12	-.39		.05	.05	.017
		3.8	-1.42	.77	1.82	.01	-.16	-.07	-.12	-.07		.03	.03	.007
		7.6	-1.42	-2.87	1.45	.01	-.00	-.07	-.12	-.11		.00	.00	.008
		11.4	-1.42	.38	1.08	.01	.15	-.07	-.12	-.04		.03	.03	.006
		15.2	-1.42	10.52	.71	.01	.30	-.07	-.12	-.35		.05	.05	.016
506- 506	105- 1	0.0	-22.86	-87.41	12.43	.13	.64	3.54	-.76	-.79		.06	.06	.056
		3.8	-22.86	-49.61	6.71	.13	1.03	3.54	-.76	-.45		.08	.08	.046
		7.6	-22.86	5.91	.99	.13	1.42	3.54	-.76	-.05		.11	.11	.033
		11.4	-22.86	79.18	-4.73	.13	1.81	3.54	-.76	-.71		.14	.14	.054
		15.2	-22.86	170.18	-10.45	.13	2.20	3.54	-.76	-1.53		.16	.16	.080
505- 506	105- 1	0.0	-.85	-87.30	-29.19	-.24	.64	-4.10	-.03	-.82		.06	.06	.027
		3.8	-.85	-49.46	-18.14	-.24	1.03	-4.10	-.03	-.47		.09	.09	.016
		7.6	-.85	6.11	-7.09	-.24	1.42	-4.10	-.03	-.08		.11	.11	.004
		11.4	-.85	79.42	3.97	-.24	1.81	-4.10	-.03	-.71		.14	.14	.028
		15.2	-.85	170.47	15.02	-.24	2.20	-4.10	-.03	-1.53		.16	.16	.050
506- 606	JL5- 1	0.0	53.49	217.15	-93.49	-.77	-2.53	-12.40	.37	.15		.04	.04	.018
		1.5	52.76	175.79	-79.44	-.77	-2.20	-12.40	.37	.12		.04	.04	.017
		3.0	52.03	136.68	-65.40	-.77	-2.08	-12.40	.36	.10		.03	.03	.016
		4.6	51.30	99.80	-51.35	-.77	-1.96	-12.40	.36	.07		.03	.03	.015
		6.1	50.58	65.17	-37.31	-.77	-1.84	-12.40	.35	.05		.03	.03	.014
506- 624	200- 1	0.0	25.04	140.78	-24.04	-.15	-1.79	-9.09	.66	.80		.12	.12	.048
		5.1	24.66	88.16	-14.64	-.15	-1.26	-9.09	.65	.28		.09	.09	.031
		10.1	24.27	-12.53	-5.25	-.15	-.74	-9.09	.64	.08		.07	.07	.025
		15.2	23.88	-41.50	4.15	-.15	-.21	-9.09	.63	.23		.04	.04	.029
		20.2	23.50	-38.15	13.55	-.15	.31	-9.09	.62	.23		.04	.04	.029
510- 710	P1- 1	0.0	-114.95	123.04	-1546.67	6.09	-10.62	-374.26	-.52	-.73		.20	.20	.042
		6.3	-119.85	-654.08	-2009.80	6.09	-9.84	-374.26	-.54	-.99		.19	.19	.051
		12.7	-123.85	859.12	1520.72	1.36	-6.37	209.88	-.56	-.73		.11	.11	.044
		19.0	-127.94	380.44	1217.30	1.36	-5.69	209.88	-.58	-.60		.10	.10	.040
		25.3	-132.03	-26.45	1113.89	1.36	-5.01	209.88	-.60	-.52		.10	.10	.038
511- 711	P1- 1	0.0	-122.02	242.37	1566.20	-6.08	-10.89	399.87	-.55	-.74		.21	.21	.044
		6.3	-126.72	-555.86	2028.34	-6.08	-10.11	399.87	-.57	-.98		.20	.20	.052
		12.7	-130.92	916.65	-1305.17	-1.35	-6.64	-184.28	-.59	-.75		.10	.10	.045
		19.0	-135.01	457.07	-1200.75	-1.35	-5.96	-184.28	-.61	-.60		.10	.10	.041
		25.3	-139.10	10.28	-1096.32	-1.35	-5.28	-184.28	-.63	-.51		.09	.09	.039

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	P1- 1	0.0	-164.82	617.56	20.58	.02	14.61	-5.92	-.74	-.29		.13	.13	.036
		6.3	-169.52	1758.44	19.11	.02	15.40	-5.92	-.77	-.82		.14	.14	.054
		12.7	-175.07	-1470.66	17.63	.02	10.79	-5.92	-.79	-.69		.10	.10	.051
		19.0	-179.16	-624.58	16.16	.02	11.47	-5.92	-.81	-.29		.11	.11	.039
		25.3	-183.25	275.35	14.68	.02	12.15	-5.92	-.83	-.13		.11	.11	.034
601- 621	JL6- 1	0.0	13.66	192.52	714.15	2.75	-1.35	21.06	.10	.46		.05	.05	.018
		1.5	12.95	168.94	664.02	2.75	-1.23	21.06	.09	.43		.05	.05	.017
		3.0	12.22	147.56	613.49	2.75	-1.11	21.06	.09	.40		.05	.05	.015
		4.6	11.49	128.45	563.76	2.75	-.99	21.06	.08	.36		.05	.05	.014
		6.1	10.76	111.54	513.63	2.75	-.87	21.06	.08	.33		.05	.05	.013
603- 623	JL6- 1	0.0	23.49	283.95	-746.86	-2.95	-1.75	6.97	.16	.50		.05	.05	.022
		1.5	22.76	253.08	-694.95	-2.95	-1.63	6.97	.16	.46		.05	.05	.020
		3.0	22.03	224.43	-641.03	-2.95	-1.51	6.97	.15	.43		.05	.05	.019
		4.6	21.30	198.01	-587.10	-2.95	-1.39	6.97	.15	.39		.05	.05	.017
		6.1	20.57	173.82	-533.17	-2.95	-1.27	6.97	.14	.35		.05	.05	.016
606- 626	JL6- 1	0.0	50.56	65.17	-37.35	-.77	-1.67	-12.28	.35	.05		.03	.03	.014
		1.5	49.85	35.75	-23.31	-.77	-1.55	-12.28	.35	.03		.03	.03	.013
		3.0	49.13	8.54	-9.27	-.77	-1.43	-12.28	.34	.01		.03	.03	.012
		4.6	48.40	-16.49	4.77	-.77	-1.31	-12.28	.34	.01		.03	.03	.012
		6.1	47.67	-39.52	18.81	-.77	-1.19	-12.28	.33	.03		.02	.02	.012
621- 651	JL6- 1	0.0	10.76	114.09	513.10	2.75	-.80	20.25	.08	.33		.05	.05	.013
		1.5	10.15	99.28	462.90	2.75	-.76	20.25	.07	.30		.05	.05	.012
		3.0	9.49	86.39	412.70	2.75	-.65	20.25	.07	.26		.05	.05	.011
		4.6	8.86	75.43	362.50	2.75	-.55	20.25	.06	.23		.05	.05	.009
		6.1	8.23	66.37	312.30	2.75	-.44	20.25	.06	.20		.05	.05	.008
622- 703	200- 1	0.0	.99	-37.17	-36.84	-.02	.37	4.31	.03	.29		.03	.03	.010
		5.4	1.03	-14.56	-35.47	-.02	.32	4.31	.03	.21		.03	.03	.008
		10.9	1.06	5.20	-34.10	-.02	.28	4.31	.03	.19		.03	.03	.007
		16.3	1.09	21.59	-32.07	-.08	.19	4.31	.03	.22		.02	.02	.008
		21.8	1.14	28.82	-21.78	-.24	.02	4.31	.03	.20		.02	.02	.007
623- 653	JL6- 1	0.0	20.57	176.45	-532.29	-2.97	-1.25	7.87	.14	.35		.05	.05	.016
		1.5	19.94	154.59	-478.18	-2.97	-1.15	7.87	.14	.32		.05	.05	.015
		3.0	19.30	134.04	-424.07	-2.97	-1.04	7.87	.14	.28		.05	.05	.014
		4.6	18.67	116.82	-369.96	-2.97	-.94	7.87	.13	.24		.05	.05	.012
		6.1	18.03	100.52	-315.85	-2.97	-.83	7.87	.13	.21		.05	.05	.011
624- 701	200- 1	0.0	23.50	-36.15	13.55	-.16	.31	-9.09	.62	.23		.04	.04	.029
		5.5	23.53	-19.40	24.04	-.16	.26	-9.09	.62	.17		.04	.04	.027
		11.0	23.56	-3.55	34.52	-.16	.22	-9.09	.62	.19		.04	.04	.028
		16.5	23.59	8.04	44.69	-.13	.11	-9.09	.62	.25		.03	.03	.030
		21.9	23.63	7.54	50.50	-.06	-.14	-9.09	.62	.29		.03	.03	.031

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 700 200- 1		0.0	-28.25	-55.69	18.17	.19	.62	-.42	-.74	-.33		.04	.04	.058
		5.5	-28.21	-16.25	5.91	.19	.58	-.42	-.74	-.10		.03	.03	.051
		11.0	-28.18	20.28	-6.36	.19	.53	-.42	-.74	-.12		.03	.03	.032
		16.4	-28.15	55.93	-18.72	.20	.49	-.42	-.74	-.32		.03	.03	.038
		21.9	-28.09	85.54	-34.41	.28	.46	-.42	-.74	-.51		.03	.03	.044
626- 656 JL6- 1		0.0	47.67	-39.52	18.83	-.77	-1.27	-12.25	.33	.03		.02	.02	.012
		1.5	47.03	-61.51	32.87	-.77	-1.16	-12.25	.33	.04		.02	.02	.013
		5.0	46.40	-81.76	45.91	-.77	-1.06	-12.25	.32	.06		.02	.02	.013
		4.6	45.76	-100.09	60.95	-.77	-.95	-12.25	.32	.07		.02	.02	.013
		6.1	45.13	-116.49	74.94	-.77	-.85	-12.25	.32	.09		.02	.02	.014
651- 701 JL6- 1		0.0	4.68	17.71	209.05	2.54	1.33	-47.74	.03	.13		.05	.05	.005
		1.8	3.94	47.30	159.28	2.54	1.45	-47.74	.03	.10		.05	.05	.004
		3.5	3.19	79.44	109.74	2.29	1.56	-47.74	.02	.09		.05	.05	.003
		5.3	2.45	113.00	61.81	2.21	1.65	-47.74	.02	.08		.05	.05	.003
		7.1	1.70	149.77	15.81	2.11	1.75	-47.74	.01	.09		.05	.05	.003
653- 703 JL6- 1		0.0	15.32	60.18	-216.19	-2.56	.89	78.35	.11	.14		.06	.06	.008
		1.8	14.58	80.34	-161.63	-2.56	1.01	78.35	.10	.11		.06	.06	.007
		3.5	13.84	105.05	-107.31	-2.52	1.12	78.35	.10	.09		.06	.06	.006
		5.3	13.09	127.79	-54.58	-2.43	1.21	78.35	.09	.09		.06	.06	.006
		7.1	12.35	154.53	-3.79	-2.54	1.30	78.35	.09	.10		.06	.06	.006
656- 706 JL6- 1		0.0	45.13	-116.49	75.00	-.77	-.87	-12.21	.32	.09		.02	.02	.014
		1.8	44.39	-133.63	91.58	-.77	-.74	-12.21	.31	.10		.02	.02	.014
		3.5	43.65	-148.15	107.77	-.77	-.63	-12.21	.31	.12		.02	.02	.014
		5.3	42.90	-160.55	124.15	-.77	-.54	-12.21	.30	.13		.02	.02	.014
		7.1	42.15	-171.06	140.53	-.77	-.45	-12.21	.29	.14		.02	.02	.015
701- 702 137- 1		0.0	-.49	-11.74	-20.24	.01	.11	-2.92	-.03	-.41		.04	.04	.014
		4.7	-.49	-5.48	-18.17	-.08	.11	-2.92	-.03	-.33		.04	.04	.012
		9.4	-.49	.52	-10.82	-.18	.10	-2.92	-.03	-.19		.05	.05	.007
		14.1	-.49	8.25	1.81	-.27	.10	-2.92	-.03	-.11		.06	.06	.005
		18.8	-.49	11.72	19.71	-.37	.09	-2.92	-.03	-.40		.06	.06	.014
701- 704 137- 1		0.0	-8.02	-17.34	-24.09	-.08	.14	1.07	-.42	-.52		.03	.03	.037
		4.7	-8.03	-9.80	-18.57	-.12	.13	1.07	-.42	-.37		.03	.03	.033
		9.4	-8.04	-2.52	-10.44	-.17	.13	1.07	-.42	-.19		.03	.03	.027
		14.1	-8.04	4.49	.63	-.22	.12	1.07	-.42	-.08		.04	.04	.023
		18.8	-8.03	11.23	14.98	-.29	.12	1.07	-.42	-.33		.04	.04	.031
701- 801 JL7- 1		0.0	20.25	73.01	26.48	.70	-.34	3.71	.29	.10		.02	.02	.013
		7.1	18.77	44.29	-18.82	.36	-.20	3.71	.27	.07		.01	.01	.011
		14.2	17.30	40.51	-34.56	.00	.00	3.71	.24	.07		.00	.00	.011
		21.3	15.84	50.36	-17.47	-.41	.23	3.71	.22	.07		.02	.02	.010
		28.4	14.38	81.10	35.76	-.68	.49	3.71	.20	.11		.03	.03	.011

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 606	200- 1	0.0	-7.29	-43.31	-11.85	.21	.39	6.20	-.19	-.25		.04	.04	.017
		12.5	-7.21	-1.48	-34.55	.08	.17	6.20	-.19	-.19		.03	.03	.015
		25.1	-7.15	11.58	-54.51	-.09	.01	6.20	-.19	-.20		.02	.02	.015
		37.6	-7.11	3.97	-5.30	-.31	-.10	6.20	-.19	-.04		.03	.03	.010
		50.2	-7.10	-14.56	59.61	-.56	-.14	6.20	-.19	-.34		.05	.05	.019
702- 703	107- 1	0.0	-.44	11.99	21.29	.39	-.10	2.31	-.02	-.43		.06	.06	.015
		4.7	-.44	6.10	2.20	.29	-.11	2.31	-.02	-.11		.05	.05	.005
		9.4	-.44	-.05	-11.80	.20	-.11	2.31	-.02	-.20		.04	.04	.008
		14.1	-.44	-6.47	-20.13	.10	-.12	2.31	-.02	-.37		.04	.04	.013
		18.8	-.44	-13.15	-23.37	.01	-.12	2.31	-.02	-.47		.03	.03	.016
702- 704	107- 1	0.0	.52	-2.61	-3.24	-.08	.10	.52	.04	.14		.03	.03	.006
		4.7	.49	1.59	.02	-.04	.05	.52	.04	.05		.02	.02	.003
		9.4	.47	3.15	1.00	.00	.00	.52	.04	.11		.01	.01	.005
		14.1	.45	2.08	-.31	.04	-.04	.52	.04	.07		.02	.02	.004
		18.8	.42	-1.03	-3.89	.08	-.09	.52	.04	.14		.03	.03	.006
702- 705	107- 1	0.0	.44	-2.91	1.67	.07	.10	-.39	.04	.11		.03	.03	.005
		4.7	.41	1.54	-1.18	.03	.05	-.39	.03	.06		.02	.02	.003
		9.4	.39	2.95	-1.74	-.01	.01	-.39	.03	.11		.01	.01	.005
		14.1	.37	1.93	-.02	-.05	-.04	-.39	.03	.06		.02	.02	.003
		18.8	.34	-1.74	3.98	-.09	-.09	-.39	.03	.15		.03	.03	.006
703- 705	137- 1	0.0	3.87	-16.75	27.04	.11	.14	-1.30	.20	.56		.03	.03	.025
		4.7	3.85	-9.27	19.60	.15	.13	-1.30	.20	.38		.03	.03	.019
		9.4	3.84	-2.04	9.55	.20	.13	-1.30	.20	.17		.04	.04	.012
		14.1	3.84	4.92	-3.44	.26	.12	-1.30	.20	.11		.04	.04	.010
		18.8	3.85	11.61	-19.71	.32	.12	-1.30	.20	.40		.05	.05	.020
705- 801	200- 1	0.0	-1.73	-82.69	-42.58	-.71	.81	-12.98	-.05	-.52		.09	.09	.019
		12.5	-1.64	9.58	36.38	-.34	.42	-12.98	-.04	-.21		.06	.06	.009
		25.1	-1.55	42.60	59.66	.03	.02	-12.98	-.04	-.41		.04	.04	.015
		37.6	-1.46	16.57	27.93	.40	-.37	-12.98	-.04	-.18		.06	.06	.007
		50.2	-1.37	-69.11	-59.49	.77	-.77	-12.98	-.04	-.51		.09	.09	.018
705- 803	317- 1	0.0	14.53	95.61	-76.16	-.78	-.47	-13.68	.21	.16		.03	.03	.012
		7.1	13.05	61.03	-23.81	-.45	-.33	-13.68	.18	.08		.02	.02	.009
		14.2	11.58	41.58	-1.01	-.08	-.13	-13.68	.16	.05		.01	.01	.007
		21.3	10.11	40.37	-10.85	.32	.11	-13.68	.14	.05		.02	.02	.007
		28.4	8.65	60.25	-57.22	.77	.36	-13.68	.12	.11		.03	.03	.008
704- 705	107- 1	0.0	-.95	-1.19	8.07	.19	.09	-.07	-.08	-.27		.04	.04	.012
		4.7	-.95	2.75	-.21	.10	.05	-.07	-.08	-.09		.02	.02	.006
		9.4	-.95	4.04	-3.22	.01	-.00	-.07	-.08	-.17		.00	.00	.009
		14.1	-.95	2.70	-.94	-.09	-.05	-.07	-.08	-.10		.02	.02	.006
		18.5	-.95	-1.26	6.82	-.18	-.09	-.07	-.08	-.23		.04	.04	.011

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	-7.10	10.62	3.02	.11	-.07	-1.09	-.37	-.19		.02	.02	.025
		4.7	-7.08	6.82	-1.44	.05	-.07	-1.09	-.37	-.12		.02	.02	.022
		9.4	-7.07	2.75	-2.29	-.02	-.07	-1.09	-.37	-.06		.02	.02	.020
		14.1	-7.05	-1.58	.46	-.08	-.08	-1.09	-.37	-.03		.02	.02	.019
		18.8	-7.03	-6.18	6.82	-.14	-.08	-1.09	-.37	-.16		.03	.03	.023
705- 706	137- 1	0.0	4.74	10.99	-9.11	-.16	-.07	1.15	.25	.25		.03	.03	.016
		4.7	4.75	7.14	-1.83	-.10	-.07	1.15	.25	.13		.02	.02	.013
		9.4	4.77	3.03	1.83	-.03	-.08	1.15	.25	.06		.02	.02	.011
		14.1	4.79	-1.55	1.89	.03	-.08	1.15	.25	.04		.02	.02	.010
		18.8	4.80	-5.99	-1.66	.10	-.08	1.15	.25	.11		.02	.02	.012
706- 803	200- 1	0.0	5.86	-92.32	50.27	.45	1.06	5.25	.15	.59		.08	.08	.024
		12.5	5.90	23.17	-2.84	.26	.49	5.25	.16	.13		.04	.04	.010
		25.1	5.93	55.72	-27.54	.08	-.05	5.25	.16	.35		.02	.02	.016
		37.6	5.96	11.45	-26.41	-.09	-.54	5.25	.16	.16		.04	.04	.011
		50.2	5.99	-103.53	-2.02	-.25	-.99	5.25	.16	.58		.07	.07	.024
706- 806	JL7- 1	0.0	19.62	-205.03	126.68	.66	.67	16.67	.28	.31		.04	.04	.019
		7.1	18.15	-139.94	53.43	.66	.86	16.67	.26	.19		.05	.05	.015
		14.2	16.68	-57.60	-19.83	.66	1.08	16.67	.24	.08		.05	.05	.011
		21.3	15.22	44.53	-93.08	.66	1.33	16.67	.22	.13		.06	.06	.012
		28.4	13.76	169.64	-166.34	.66	1.62	16.67	.19	.30		.06	.06	.016
710- 810	M2- 1	0.0	-132.03	-24.81	1115.79	1.33	-1.23	54.37	-.55	-.46		.03	.03	.034
		7.1	-137.23	-92.95	1000.84	1.33	-.37	54.37	-.55	-.42		.02	.02	.033
		14.2	-142.43	-87.46	867.89	1.33	.50	54.37	-.57	-.37		.02	.02	.033
		21.3	-147.63	-8.34	774.94	1.33	1.36	54.37	-.59	-.32		.03	.03	.032
		28.4	-152.83	144.40	661.99	1.33	2.23	54.37	-.61	-.28		.03	.03	.031
711- 811	M2- 1	0.0	-139.10	11.91	-1096.21	-1.31	-1.45	-60.89	-.55	-.46		.03	.03	.035
		7.1	-144.30	-75.10	-986.54	-1.31	-.59	-60.89	-.57	-.41		.02	.02	.034
		14.2	-149.50	-88.48	-874.88	-1.31	.28	-60.89	-.59	-.37		.02	.02	.034
		21.3	-154.70	-28.22	-763.21	-1.31	1.14	-60.89	-.62	-.32		.03	.03	.033
		28.4	-159.90	105.66	-651.55	-1.31	2.00	-60.89	-.64	-.28		.03	.03	.032
712- 812	M2- 1	0.0	-183.23	273.55	14.73	.02	-2.37	24.72	-.73	-.11		.02	.02	.030
		7.1	-188.43	108.72	13.08	.02	-1.50	24.72	-.75	-.05		.02	.02	.029
		14.2	-193.63	17.81	11.43	.02	-.63	24.72	-.77	-.01		.01	.01	.029
		21.3	-198.83	-.60	9.78	.02	.23	24.72	-.79	-.00		.01	.01	.029
		28.4	-204.03	57.10	8.12	.02	1.10	24.72	-.81	-.02		.01	.01	.031
801- 802	148- 1	0.0	-1.40	-9.49	-21.46	.06	.13	-.92	-.07	-.34		.02	.02	.014
		5.7	-1.40	-1.75	-21.76	-.05	.10	-.92	-.07	-.32		.02	.02	.014
		11.4	-1.40	5.70	-14.27	-.17	.06	-.92	-.07	-.21		.02	.02	.010
		17.1	-1.40	6.79	1.01	-.28	.03	-.92	-.07	-.10		.03	.03	.007
		22.8	-1.40	7.54	24.08	-.39	-.01	-.92	-.07	-.37		.04	.04	.015

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
801- 804 148- 1		0.0	-2.81	-14.76	-28.98	-.05	.15	-1.31	-.13	-.47		.02	.02	.022
		5.7	-2.79	-5.90	-22.84	-.13	.11	-1.31	-.13	-.34		.03	.03	.018
		11.4	-2.77	.62	-11.39	-.21	.06	-1.31	-.13	-.17		.03	.03	.012
		17.1	-2.75	4.80	5.39	-.28	.04	-1.31	-.13	-.10		.04	.04	.010
		22.8	-2.73	6.65	27.48	-.36	.01	-1.31	-.13	-.41		.04	.04	.020
801- 901 JL8- 1		0.0	13.22	-74.55	96.43	1.10	-.11	30.71	.19	.15		.05	.05	.011
		8.1	11.55	-69.15	16.12	.55	.25	30.71	.16	.09		.04	.04	.009
		16.2	9.90	-28.14	-9.86	-.02	.62	30.71	.14	.04		.04	.04	.006
		24.3	8.25	53.22	20.21	-.61	1.05	30.71	.12	.07		.05	.05	.006
		32.4	6.61	177.45	109.47	-1.23	1.50	30.71	.09	.27		.07	.07	.012
801- 903 200- 1		0.0	.72	-79.58	72.42	.84	.78	8.81	.02	.60		.09	.09	.020
		14.9	.79	14.75	-36.98	.40	.34	8.81	.02	.24		.05	.05	.008
		29.8	.82	46.33	-71.99	-.03	-.03	8.81	.02	.48		.03	.03	.016
		44.7	.87	10.72	-26.48	-.48	-.36	8.81	.02	.16		.06	.06	.006
		59.6	.98	-79.27	98.13	-.92	-.64	8.81	.03	.71		.08	.08	.023
802- 803 148- 1		0.0	-1.45	7.98	23.36	.38	-.01	-.63	-.07	-.36		.04	.04	.015
		5.7	-1.45	6.37	1.59	.26	-.04	-.63	-.07	-.10		.03	.03	.007
		11.4	-1.45	2.42	-12.34	.15	-.07	-.63	-.07	-.18		.02	.02	.009
		17.1	-1.45	-3.86	-18.59	.03	-.11	-.63	-.07	-.27		.02	.02	.012
		22.8	-1.45	-12.49	-16.99	-.08	-.14	-.63	-.07	-.31		.02	.02	.013
802- 804 108- 1		0.0	.49	.21	-6.93	-.16	-.00	.34	.04	.23		.03	.03	.009
		5.7	.51	.14	1.18	-.08	-.00	.34	.04	.04		.02	.02	.003
		11.4	.53	.06	3.96	-.00	-.00	.34	.04	.13		.01	.01	.006
		17.1	.55	-.01	1.42	.08	-.00	.34	.05	.05		.02	.02	.003
		22.8	.57	-.08	-6.45	.15	-.00	.34	.05	.22		.03	.03	.008
802- 805 108- 1		0.0	.58	-.29	7.64	.16	.00	-.11	.05	.26		.03	.03	.010
		5.7	.60	-.19	-.66	.08	.00	-.11	.05	.02		.02	.02	.002
		11.4	.63	-.09	-3.64	.00	.00	-.11	.05	.12		.00	.00	.006
		17.1	.65	.00	-1.30	-.07	.00	-.11	.05	.04		.01	.01	.003
		22.8	.67	.10	6.37	-.15	.00	-.11	.06	.21		.03	.03	.009
803- 805 [illegible]- 1		0.0	-4.50	-11.92	23.21	.02	.14	.31	-.21	-.38		.02	.02	.023
		5.7	-4.52	-3.72	19.50	.09	.10	.31	-.21	-.29		.02	.02	.020
		11.4	-4.50	2.15	10.47	.17	.07	.31	-.21	-.15		.02	.02	.016
		17.1	-4.48	5.68	-3.89	.25	.03	.31	-.21	-.10		.03	.03	.014
		22.8	-4.46	6.86	-23.57	.33	.00	.31	-.21	-.36		.03	.03	.022
803- 903 JL8- 1		0.0	13.60	-81.00	-20.57	-.98	-.10	-4.78	.20	.11		.03	.03	.010
		8.1	12.14	-74.82	47.80	-.45	.24	-4.78	.17	.11		.02	.02	.010
		16.2	10.49	-35.04	81.87	.14	.63	-4.78	.15	.09		.02	.02	.008
		24.3	8.84	49.10	19.84	.73	1.06	-4.78	.13	.07		.04	.04	.006
		32.4	7.20	174.10	-81.36	1.36	1.51	-4.78	.10	.24		.06	.06	.011

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906	200- 1	0.0	-3.67	-11.09	-22.07	-.55	.18	-4.48	-.10	-.14		.03	.03	.009
		14.9	-3.65	6.94	27.18	-.19	.03	-4.48	-.10	-.16		.02	.02	.010
		29.8	-3.57	4.61	40.71	.05	-.04	-4.48	-.09	-.23		.02	.02	.012
		44.7	-3.53	-1.74	6.55	.35	-.01	-4.48	-.09	-.04		.03	.03	.006
		59.6	-5.49	6.20	-67.29	.71	.14	-4.48	-.09	-.49		.05	.05	.020
804- 805	100- 1	0.0	-1.29	.62	14.79	.34	-.00	.00	-.11	-.50		.06	.06	.021
		5.7	-1.29	.35	-2.60	.17	-.00	.00	-.11	-.09		.03	.03	.008
		11.4	-1.29	.47	-4.30	-.00	-.00	.00	-.11	-.28		.00	.00	.014
		17.1	-1.29	.40	-2.30	-.17	-.00	.00	-.11	-.08		.03	.03	.006
		22.8	-1.29	.33	15.39	-.34	-.00	.00	-.11	-.51		.06	.06	.021
804- 806	140- 1	0.0	-1.57	6.00	5.24	.15	.01	-.67	-.06	-.13		.02	.02	.007
		5.7	-1.55	5.51	-2.29	.09	-.02	-.67	-.06	-.09		.01	.01	.006
		11.4	-1.53	2.65	-5.50	.01	-.06	-.67	-.06	-.09		.01	.01	.006
		17.1	-1.31	-2.49	-3.39	-.07	-.09	-.67	-.06	-.06		.02	.02	.005
		22.8	-1.29	-10.00	4.05	-.15	-.13	-.67	-.06	-.16		.02	.02	.008
805- 806	140- 1	0.0	-3.05	6.67	-1.81	-.11	.00	-.12	-.14	-.10		.01	.01	.011
		5.7	-3.03	5.55	3.31	-.04	-.03	-.12	-.14	-.09		.01	.01	.011
		11.4	-3.01	2.09	3.12	.04	-.07	-.12	-.14	-.05		.01	.01	.009
		17.1	-2.99	-3.70	-2.41	.12	-.10	-.12	-.14	-.06		.02	.02	.010
		22.8	-2.97	-11.64	-13.26	.20	-.14	-.12	-.14	-.26		.02	.02	.016
806- 901	200- 1	0.0	2.79	-155.97	-41.63	-.75	1.19	-6.39	.07	.91		.09	.09	.031
		14.9	2.87	21.96	9.47	-.39	.56	-6.39	.08	.13		.05	.05	.007
		29.8	2.95	68.43	48.27	-.05	-.03	-6.39	.08	.47		.02	.02	.017
		44.7	3.04	14.05	28.42	.27	-.57	-6.39	.08	.18		.05	.05	.008
		59.6	3.13	-132.56	-46.45	.57	-1.06	-6.39	.08	.79		.08	.08	.028
806- 906	JL6- 1	0.0	8.07	1.16	-62.45	-.44	-.55	-20.04	.11	.10		.03	.03	.007
		8.1	8.41	-31.77	-39.67	-.44	-.13	-20.04	.09	.06		.03	.03	.005
		16.2	8.74	-21.65	3.08	-.44	.35	-20.04	.07	.03		.03	.03	.003
		24.3	9.06	39.64	45.83	-.44	.92	-20.04	.04	.08		.04	.04	.004
		32.4	1.38	160.20	88.59	-.44	1.57	-20.04	.02	.23		.06	.06	.008
810- 910	P2- 1	0.0	-152.82	145.67	662.13	1.35	-1.99	86.77	-.61	-.26		.04	.04	.032
		8.1	-158.77	-1.94	550.74	1.35	-1.00	86.77	-.63	-.22		.03	.03	.031
		16.2	-164.71	-50.91	399.35	1.35	-.01	86.77	-.66	-.17		.03	.03	.030
		24.3	-170.65	-3.26	267.96	1.35	.99	86.77	-.68	-.11		.03	.03	.029
		32.4	-176.60	141.02	156.57	1.35	1.98	86.77	-.70	-.08		.04	.04	.029
811- 911	P2- 1	0.0	-159.90	104.95	-651.60	-1.34	-1.83	-35.22	-.64	-.26		.03	.03	.032
		8.1	-165.44	-25.25	-521.51	-1.34	-.84	-35.22	-.66	-.22		.02	.02	.031
		16.2	-171.79	-56.76	-391.42	-1.34	.15	-35.22	-.68	-.16		.02	.02	.031
		24.3	-177.73	4.33	-261.34	-1.34	1.14	-35.22	-.71	-.11		.02	.02	.030
		32.4	-183.67	164.05	-131.25	-1.34	2.14	-35.22	-.73	-.09		.03	.03	.030

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	P2- 1	0.0	-204.03	57.10	8.05	.02	-1.46	-36.83	-.81	-.02		.02	.02	.031
		8.1	-209.97	-36.56	6.16	.02	-.47	-36.83	-.84	-.02		.01	.01	.032
		16.2	-215.91	-33.69	4.27	.02	.53	-36.83	-.86	-.01		.01	.01	.032
		24.3	-221.86	65.73	2.39	.02	1.52	-36.83	-.88	-.03		.02	.02	.034
		32.4	-227.80	261.68	.50	.02	2.51	-36.83	-.91	-.11		.03	.03	.037
901- 902 169- 1		0.0	-2.45	-44.77	-11.58	.27	.43	1.22	-.10	-.51		.05	.05	.022
		6.9	-2.45	-14.05	-25.03	.06	.52	1.22	-.10	-.31		.03	.03	.015
		13.7	-2.45	7.64	-21.57	-.14	.21	1.22	-.10	-.25		.03	.03	.013
		20.6	-2.45	20.32	-1.19	-.35	.10	1.22	-.10	-.22		.04	.04	.013
		27.4	-2.45	25.97	56.11	-.56	-.01	1.22	-.10	-.47		.05	.05	.021
901- 904 169- 1		0.0	-7.11	-29.71	-29.04	.02	.30	-.14	-.29	-.45		.03	.03	.031
		6.9	-7.09	-8.95	-20.58	-.08	.20	-.14	-.29	-.31		.02	.02	.026
		13.7	-7.08	4.20	-15.20	-.20	.12	-.14	-.29	-.17		.02	.02	.022
		20.6	-7.08	11.15	6.32	-.33	.05	-.14	-.29	-.14		.03	.03	.021
		27.4	-7.06	15.51	59.20	-.47	.00	-.14	-.29	-.45		.04	.04	.030
901-1001 JL9- 1		0.0	7.77	29.95	105.42	1.36	-.96	39.92	.11	.14		.07	.07	.008
		8.1	8.13	-40.95	3.00	.75	-.49	39.92	.09	.05		.05	.05	.005
		16.2	8.49	-85.82	-42.23	.19	-.01	39.92	.06	.10		.03	.03	.005
		24.3	2.85	-42.61	-35.67	-.31	.49	39.92	.04	.07		.04	.04	.004
		32.4	1.22	29.48	17.29	-.76	1.00	39.92	.02	.04		.06	.06	.002
901-1002 180- 1		0.0	-.83	-24.24	63.97	.82	.33	-1.02	-.03	-.58		.07	.07	.020
		10.6	-.69	6.47	-18.62	.47	.16	-1.02	-.03	-.17		.04	.04	.006
		21.1	-.55	17.09	-51.81	.05	-.00	-1.02	-.02	-.47		.01	.01	.016
		31.7	-.42	5.62	-31.73	-.37	-.17	-1.02	-.02	-.28		.03	.03	.009
		42.2	-.29	-27.11	45.43	-.66	-.35	-1.02	-.01	-.45		.07	.07	.015
901-1004 180- 1		0.0	1.27	56.80	10.83	.35	-.32	1.77	.05	.33		.04	.04	.012
		10.6	1.44	.56	-21.63	.16	-.24	1.77	.05	.18		.03	.03	.008
		21.1	1.60	-20.98	-28.09	-.06	-.09	1.77	.06	.30		.02	.02	.011
		31.7	1.76	-19.03	-5.77	-.30	.13	1.77	.06	.17		.03	.03	.008
		42.2	1.90	15.34	48.10	-.56	.42	1.77	.07	.43		.06	.06	.016
902- 903 169- 1		0.0	-2.45	23.95	35.46	.54	.01	-1.17	-.10	-.47		.05	.05	.020
		6.9	-2.45	20.28	-.41	.33	-.10	-1.17	-.10	-.22		.03	.03	.013
		13.7	-2.45	7.58	-19.37	.13	-.21	-1.17	-.10	-.23		.03	.03	.013
		20.6	-2.45	-14.13	-21.40	-.08	-.32	-1.17	-.10	-.28		.03	.03	.014
		27.4	-2.45	-44.87	-6.52	-.28	-.43	-1.17	-.10	-.50		.05	.05	.021
902- 904 109- 1		0.0	.75	1.53	-10.47	-.19	-.01	.36	.06	.35		.04	.04	.013
		6.9	.77	.72	1.39	-.10	-.01	.36	.06	.05		.02	.02	.004
		13.7	.80	-.14	9.54	-.00	-.01	.36	.07	.19		.01	.01	.008
		20.6	.82	-.99	1.99	.09	-.01	.36	.07	.07		.02	.02	.005
		27.4	.85	-1.85	-9.25	.18	-.01	.36	.07	.32		.04	.04	.012

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905 109- 1		0.0	.74	1.60	11.11	.20	-.01	-.37	.06	.38		.04	.04	.014
		6.9	.77	.76	-1.10	.10	-.01	-.37	.06	.04		.02	.02	.004
		13.7	.79	-.08	-5.62	.01	-.01	-.37	.07	.19		.01	.01	.008
		20.6	.82	-.92	-2.44	-.09	-.01	-.37	.07	.09		.02	.02	.005
		27.4	.84	-1.76	8.44	-.18	-.01	-.37	.07	.29		.04	.04	.012
903- 905 169- 1		0.0	-4.68	-29.44	23.93	-.03	.30	-.07	-.19	-.41		.03	.03	.024
		6.9	-4.66	-6.61	22.74	.07	.20	-.07	-.19	-.27		.02	.02	.019
		13.7	-4.65	4.20	12.62	.18	.12	-.07	-.19	-.15		.02	.02	.015
		20.6	-4.64	11.01	-7.53	.31	.05	-.07	-.19	-.15		.03	.03	.015
		27.4	-4.65	15.04	-39.25	.46	.00	-.07	-.19	-.45		.04	.04	.025
903-1002 180- 1		0.0	-1.50	-23.87	-66.81	-.03	.33	2.37	-.05	-.61		.07	.07	.022
		10.6	-1.36	7.11	16.52	-.47	.16	2.37	-.05	-.15		.05	.05	.007
		21.1	-1.23	17.09	50.44	-.06	-.01	2.37	-.04	-.45		.01	.01	.016
		31.7	-1.09	5.50	31.11	.37	-.18	2.37	-.04	-.27		.04	.04	.010
		42.2	-.96	-27.66	-45.32	.85	-.35	2.37	-.04	-.45		.08	.08	.016
903-1003 JL9- 1		0.0	7.60	52.08	-157.92	-1.45	-.96	-39.37	.11	.18		.07	.07	.009
		8.1	5.95	-39.10	-27.57	-.63	-.50	-39.37	.08	.06		.05	.05	.005
		16.2	4.32	-64.05	25.59	-.27	-.01	-39.37	.06	.09		.03	.03	.005
		24.3	2.68	-41.29	26.96	.23	.48	-39.37	.04	.06		.04	.04	.003
		32.4	1.05	30.53	-16.06	.68	.99	-39.37	.01	.05		.06	.06	.002
903-1005 180- 1		0.0	.84	55.56	-18.49	-.36	-.31	-.20	.03	.33		.04	.04	.011
		10.6	1.01	-.10	19.23	-.17	-.23	-.20	.04	.16		.02	.02	.006
		21.1	1.17	-21.04	26.93	.05	-.08	-.20	.04	.29		.01	.01	.011
		31.7	1.33	-16.50	5.86	.29	.14	-.20	.05	.17		.02	.02	.007
		42.2	1.47	16.50	-46.75	.55	.43	-.20	.05	.42		.05	.05	.015
904- 905 109- 1		0.0	-1.83	.69	22.15	.41	-.00	.03	-.15	-.74		.07	.07	.031
		6.9	-1.83	.08	-3.47	.21	-.00	.03	-.15	-.12		.04	.04	.012
		13.7	-1.83	.07	-12.17	.00	-.00	.03	-.15	-.41		.00	.00	.021
		20.6	-1.83	.05	-3.96	-.20	-.00	.03	-.15	-.13		.03	.03	.012
		27.4	-1.83	.06	21.17	-.41	-.00	.03	-.15	-.71		.07	.07	.030
904- 906 169- 1		0.0	-5.23	11.71	7.81	.26	-.01	.99	-.21	-.15		.03	.03	.017
		6.9	-5.23	9.40	-7.11	.10	-.05	.99	-.22	-.13		.01	.01	.016
		13.7	-5.24	5.72	-9.44	-.05	-.09	.99	-.22	-.11		.01	.01	.015
		20.6	-5.25	-5.36	.82	-.20	-.13	.99	-.22	-.06		.03	.03	.014
		27.4	-5.26	-17.61	23.67	-.35	-.17	.99	-.22	-.32		.04	.04	.022
905- 906 169- 1		0.0	-2.81	11.54	-9.63	-.28	-.01	.69	-.12	-.16		.03	.03	.012
		6.9	-2.82	9.10	7.19	-.13	-.05	.69	-.12	-.13		.02	.02	.010
		13.7	-2.82	5.24	11.42	.03	-.09	.69	-.12	-.13		.01	.01	.011
		20.6	-2.83	-5.45	3.07	.18	-.13	.69	-.12	-.07		.02	.02	.009
		27.4	-2.84	-16.52	-17.58	.33	-.17	.69	-.12	-.28		.03	.03	.015

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 15 DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	160- 1	0.0	-4.19	-85.72	-65.51	-.72	1.03	1.80	-.15	-.92		.10	.10	.036
		10.6	-4.06	13.38	4.68	-.59	.54	1.80	-.15	-.12		.06	.06	.010
		21.1	-3.91	50.17	32.89	-.06	.04	1.80	-.14	-.51		.01	.01	.022
		31.7	-3.71	20.61	19.10	.28	-.51	1.80	-.13	-.24		.05	.05	.014
		42.2	-3.52	-81.67	-58.89	.65	-1.11	1.80	-.13	-.77		.10	.10	.030
906-1005	180- 1	0.0	-3.75	-88.64	60.41	.71	1.04	-1.29	-.14	-.92		.10	.10	.035
		10.6	-3.61	11.08	-8.16	.58	.55	-1.29	-.13	-.12		.05	.05	.010
		21.1	-3.47	49.69	-34.74	.08	.05	-1.29	-.13	-.52		.01	.01	.022
		31.7	-3.27	21.33	-19.32	-.29	-.50	-1.29	-.12	-.25		.05	.05	.013
		42.2	-3.08	-79.75	40.29	-.66	-1.10	-1.29	-.11	-.76		.10	.10	.029
906-1006	JL9- 1	0.0	4.46	-50.27	32.42	.09	-1.40	1.35	.06	.08		.04	.04	.005
		8.1	2.76	-150.20	23.76	.09	-.63	1.35	.04	.19		.02	.02	.007
		16.2	1.10	-168.79	15.15	.09	.27	1.35	.02	.22		.01	.01	.007
		24.3	-.58	-92.09	6.51	.09	1.33	1.35	-.01	-.12		.04	.04	.004
		32.4	-2.25	95.65	-2.12	.09	2.52	1.35	-.03	-.12		.07	.07	.005
1010- 910	P3- 1	0.0	-204.56	186.29	376.69	1.32	-2.45	120.78	-.69	-.15		.04	.04	.031
		8.1	-197.57	4.80	248.54	1.32	-1.26	120.78	-.67	-.09		.03	.03	.028
		16.2	-190.58	-63.22	120.20	1.32	-.12	120.78	-.64	-.05		.03	.03	.026
		24.3	-183.58	-17.76	-8.15	1.32	1.05	120.78	-.62	-.01		.03	.03	.023
		32.4	-176.59	141.17	-136.50	1.32	2.22	120.78	-.60	-.07		.04	.04	.025
1011- 911	P3- 1	0.0	-211.63	99.87	-376.40	-1.30	-2.17	-113.68	-.72	-.14		.04	.04	.031
		8.1	-204.64	-54.26	-249.51	-1.30	-1.00	-113.68	-.69	-.09		.03	.03	.029
		16.2	-197.65	-94.92	-122.61	-1.30	.17	-113.68	-.67	-.06		.03	.03	.027
		24.3	-190.66	-22.10	4.28	-1.30	1.33	-113.68	-.64	-.01		.03	.03	.024
		32.4	-183.67	184.20	131.18	-1.30	2.50	-113.68	-.62	-.08		.04	.04	.026
1012- 912	P3- 1	0.0	-255.76	-1251.55	7.01	.02	1.55	-5.01	-.87	-.45		.01	.01	.047
		8.1	-248.76	-1043.59	5.13	.02	2.72	-5.01	-.84	-.38		.02	.02	.043
		16.2	-241.77	-722.06	3.24	.02	3.89	-5.01	-.82	-.26		.03	.03	.039
		24.3	-234.78	-286.97	1.35	.02	5.05	-5.01	-.79	-.10		.04	.04	.033
		32.4	-227.79	261.68	-.53	.02	6.22	-5.01	-.77	-.09		.04	.04	.032
1001-1002	200- 1	0.0	-2.12	-10.99	-.50	.62	.17	-25.30	-.06	-.06		.10	.10	.005
		8.0	-2.12	1.15	-40.58	.22	.09	-25.30	-.06	-.23		.08	.08	.010
		16.0	-2.12	5.59	-42.17	-.18	.01	-25.30	-.06	-.24		.08	.08	.010
		24.0	-2.12	2.33	-5.27	-.58	-.07	-25.30	-.06	-.03		.10	.10	.006
		32.0	-2.12	-8.03	70.15	-.98	-.15	-25.30	-.06	-.40		.12	.12	.015
1001-1004	200- 1	0.0	-2.35	-.16	-39.66	.13	.04	-8.95	-.06	-.22		.03	.03	.010
		8.0	-2.36	-.48	-43.04	-.06	-.04	-8.95	-.06	-.24		.03	.03	.011
		16.0	-2.36	-8.50	-26.61	-.26	-.12	-8.95	-.06	-.16		.04	.04	.008
		24.0	-2.35	-24.23	12.27	-.53	-.20	-8.95	-.06	-.15		.05	.05	.008
		32.0	-2.34	-47.65	76.23	-.80	-.28	-8.95	-.06	-.50		.07	.07	.019

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 15

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	-1.69	-7.78	87.81	.95	.14	24.19	-.04	-.38		.12	.12	.014
		8.0	-1.69	2.30	-4.19	.55	.06	24.19	-.04	-.03		.10	.10	.003
		16.0	-1.69	4.69	-37.69	.15	-.02	24.19	-.04	-.21		.08	.08	.009
		24.0	-1.69	-.03	-52.70	-.25	-.10	24.19	-.04	-.18		.08	.08	.008
		32.0	-1.69	-13.64	10.79	-.65	-.18	24.19	-.04	-.10		.10	.10	.005
1002-1004	140- 1	0.0	2.38	11.94	-22.70	-.36	.10	-1.54	.15	.48		.06	.06	.020
		8.0	2.37	10.11	3.48	-.18	-.01	-1.54	.15	.31		.04	.04	.015
		16.0	2.36	9.50	12.47	-.00	-.12	-1.54	.15	.29		.03	.03	.014
		24.0	2.35	-7.68	4.28	.17	-.24	-1.54	.15	.17		.05	.05	.010
		32.0	2.34	-36.05	-21.10	.55	-.35	-1.54	.15	.78		.08	.08	.030
1002-1005	140- 1	0.0	2.39	11.70	24.06	.37	.10	1.65	.15	.50		.06	.06	.021
		8.0	2.38	15.91	-2.81	.19	-.01	1.65	.15	.30		.04	.04	.015
		16.0	2.37	9.33	-12.51	.01	-.12	1.65	.15	.29		.03	.03	.014
		24.0	2.36	-8.03	-5.03	-.17	-.24	1.65	.15	.18		.05	.05	.011
		32.0	2.35	-36.16	19.64	-.35	-.35	1.65	.15	.77		.08	.08	.029
1003-1005	200- 1	0.0	-1.64	.71	28.27	-.16	.04	8.61	-.04	-.16		.03	.03	.007
		8.0	-1.65	.41	35.01	.03	-.04	8.61	-.04	-.20		.03	.03	.008
		16.0	-1.65	-7.59	21.94	.25	-.12	8.61	-.04	-.13		.04	.04	.006
		24.0	-1.64	-23.25	-13.59	.50	-.20	8.61	-.04	-.15		.05	.05	.007
		32.0	-1.62	-46.68	-74.19	.77	-.28	8.61	-.04	-.49		.07	.07	.018
1004-1005	140- 1	0.0	-5.25	-15.54	50.02	.60	.22	-.06	-.33	-.98		.10	.10	.045
		8.0	-5.25	.60	-8.10	.40	.11	-.06	-.33	-.15		.05	.05	.019
		16.0	-5.25	5.97	-27.73	.00	-.00	-.06	-.33	-.53		.00	.00	.031
		24.0	-5.25	.56	-8.87	-.40	-.11	-.06	-.33	-.17		.05	.05	.020
		32.0	-5.25	-15.65	48.49	-.80	-.22	-.06	-.33	-.96		.10	.10	.045
1004-1006	200- 1	0.0	7.15	39.17	8.40	.44	-.08	4.80	.19	.22		.04	.04	.014
		8.0	7.17	27.96	-20.58	.16	-.16	4.80	.19	.19		.03	.03	.013
		16.0	7.19	9.05	-21.45	-.13	-.24	4.80	.19	.13		.03	.03	.011
		24.0	7.21	-17.57	5.16	-.42	-.32	4.80	.19	.10		.04	.04	.010
		32.0	7.23	-51.69	59.52	-.71	-.40	4.80	.19	.44		.06	.06	.021
1005-1006	200- 1	0.0	7.29	39.64	-9.14	-.47	-.08	-4.50	.19	.23		.04	.04	.014
		8.0	7.31	28.52	21.99	-.18	-.16	-4.50	.19	.20		.03	.03	.013
		16.0	7.32	9.71	25.41	.11	-.24	-4.50	.19	.15		.03	.03	.011
		24.0	7.34	-18.80	1.12	.40	-.32	-4.50	.19	.09		.04	.04	.010
		32.0	7.36	-51.02	-50.67	.68	-.40	-4.50	.19	.40		.05	.05	.019

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102 W16- 1		0.0	-4.42	401.24	3.40	.03	-7.04	.01	-.27	4.50	.32	.00	1.09	.165
		3.6	-4.42	132.57	2.19	.03	-5.32	.01	-.27	1.49	.20	.00	.83	.065
		7.3	-4.42	-51.00	.98	.03	-3.60	.01	-.27	-.69	.09	.00	.56	.036
		10.9	-4.42	-180.67	-.24	.03	-1.88	.01	-.27	-2.03	-.02	.00	.29	.076
		14.5	-4.42	-224.65	-1.45	.03	-.15	.01	-.27	-2.52	-.14	.00	.02	.096
101- 104 W16- 1		0.0	-4.21	400.84	2.94	.02	-7.05	-.01	-.26	4.50	.27	.00	1.09	.163
		3.6	-4.21	131.93	1.97	.02	-5.32	-.01	-.26	1.48	.18	.00	.83	.064
		7.2	-4.21	-62.15	.99	.02	-3.60	-.01	-.26	-.70	.09	.00	.56	.036
		10.9	-4.21	-181.40	.02	.02	-1.88	-.01	-.26	-2.04	.00	.00	.29	.075
		14.5	-4.21	-225.60	-.96	.02	-.16	-.01	-.26	-2.53	-.09	.00	.03	.094
101- 201 DKL- 1		0.0	-19.39	-347.10	601.76	6.50	3.68	6.35	-.21	-1.09		.17	.17	.042
		3.8	-20.25	-181.36	309.18	6.50	3.68	6.35	-.22	-.56		.17	.17	.026
		7.5	-21.41	-15.02	16.60	6.50	3.68	6.35	-.24	-.04		.17	.17	.010
		11.3	-22.57	150.12	-275.98	6.50	3.68	6.35	-.25	.49		.17	.17	.024
		15.0	-23.74	315.66	-568.56	6.50	3.68	6.35	-.26	1.02		.17	.17	.042
102- 103 W16- 1		0.0	-4.39	-224.70	-.96	-.01	.19	-.02	-.27	-2.52	-.09	.00	.03	.094
		3.6	-4.39	-176.82	-.51	-.01	1.92	-.02	-.27	-2.01	-.05	.00	.30	.076
		7.3	-4.39	-58.03	-.05	-.01	3.64	-.02	-.27	-.65	-.01	.00	.56	.032
		10.9	-4.39	137.66	.40	-.01	5.36	-.02	-.27	1.54	.04	.00	.83	.061
		14.5	-4.39	408.25	.85	-.01	7.08	-.02	-.27	4.56	.08	.00	1.10	.159
102- 104 W08- 1		0.0	-.00	.14	-.33	-.00	-.17	.00	-.00	.01	-.06	.00	.09	.002
		3.6	-.00	-5.54	-.16	-.00	-.09	.00	-.00	-.27	-.03	.00	.04	.009
		7.2	-.00	-7.45	.01	-.00	-.00	.00	-.00	-.36	.00	.00	.00	.011
		10.9	-.00	-5.58	.18	-.00	.09	.00	-.00	-.27	.03	.00	.04	.010
		14.5	-.00	.08	.35	-.00	.17	.00	-.00	.00	.06	.00	.09	.002
102- 105 W08- 1		0.0	-.04	-.11	-.16	-.00	-.17	.00	-.01	-.01	-.03	.00	.09	.002
		3.6	-.04	-5.79	-.12	-.00	-.09	.00	-.01	-.28	-.02	.00	.04	.010
		7.2	-.04	-7.68	-.08	-.00	-.00	.00	-.01	-.37	-.01	.00	.00	.012
		10.9	-.04	-5.79	-.04	-.00	.09	.00	-.01	-.28	-.01	.00	.04	.009
		14.5	-.04	-.12	.00	-.00	.17	.00	-.01	-.01	.00	.00	.09	.001
103- 105 W16- 1		0.0	-6.14	406.70	-.00	.00	-7.06	.02	-.38	4.56	-.00	.00	1.10	.160
		3.6	-6.14	137.20	-.06	.00	-5.34	.02	-.38	1.54	-.01	.00	.83	.065
		7.2	-6.14	-57.45	-.12	.00	-3.62	.02	-.38	-.64	-.01	.00	.56	.037
		10.9	-6.14	-177.29	-.17	.00	-1.90	.02	-.38	-1.99	-.02	.00	.29	.079
		14.5	-6.14	-222.28	-.23	.00	-.17	.02	-.38	-2.49	-.02	.00	.03	.095
103- 203 DKL- 1		0.0	-19.14	-352.17	-611.70	-7.47	5.33	-.06	-.21	-1.10		.20	.20	.042
		3.8	-20.30	-112.35	-275.66	-7.47	5.33	-.06	-.22	-.47		.20	.20	.023
		7.5	-21.47	127.50	60.54	-7.47	5.33	-.06	-.24	.22		.20	.20	.015
		11.3	-22.63	367.34	396.36	-7.47	5.33	-.06	-.25	.85		.20	.20	.036
		15.0	-23.79	607.17	732.36	-7.47	5.33	-.06	-.26	1.49		.20	.20	.056

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 #08- 1		0.0	.03	-.15	-.19	-.00	-.17	-.00	.00	-.01	-.03	.00	.09	.002
		5.6	.03	-5.76	-.14	-.00	-.09	-.00	.00	-.28	-.02	.00	.04	.010
		7.3	.03	-7.60	-.08	-.00	.00	-.00	.00	-.37	-.02	.00	.00	.012
		10.9	.03	-5.66	-.03	-.00	.09	-.00	.00	-.27	-.01	.00	.05	.009
		14.5	.03	.06	.02	-.00	.18	-.00	.00	.00	.00	.00	.09	.000
104- 106 #18- 1		0.0	-4.23	-225.70	-.43	-.01	.19	.02	-.26	-2.53	-.04	.00	.03	.092
		5.6	-4.23	-180.17	-.20	-.01	1.91	.02	-.26	-2.02	-.02	.00	.30	.075
		7.3	-4.23	-59.72	.03	-.01	3.65	.02	-.26	-.67	.00	.00	.56	.052
		10.9	-4.23	135.65	.25	-.01	5.35	.02	-.26	1.52	.02	.00	.83	.060
		14.5	-4.23	412.09	.48	-.01	12.07	.02	-.26	4.62	.04	.00	1.87	.159
105- 106 #18- 1		0.0	-6.18	-222.37	-.21	-.00	.17	-.01	-.38	-2.50	-.02	.00	.03	.096
		5.6	-6.18	-177.32	.00	-.00	1.90	-.01	-.38	-1.99	.00	.00	.29	.079
		7.3	-6.18	-57.33	.21	-.00	3.62	-.01	-.38	-.64	.02	.00	.56	.037
		10.9	-6.18	137.57	.42	-.00	5.34	-.01	-.38	1.54	.04	.00	.83	.066
		14.5	-6.18	407.40	.63	-.00	7.06	-.01	-.38	4.57	.06	.00	1.10	.162
106- 206 DKL- 1		0.0	-19.96	760.47	-28.13	.76	-9.43	.55	-.22	-1.19		.21	.21	.046
		3.8	-21.12	336.34	-62.55	.76	-9.43	.55	-.23	-.54		.21	.21	.025
		7.5	-22.28	-87.78	-96.96	.76	-9.43	.55	-.24	-.20		.21	.21	.015
		11.3	-23.44	-511.91	-131.37	.76	-9.43	.55	-.26	-.83		.21	.21	.035
		15.0	-24.61	-936.04	-165.79	.76	-9.43	.55	-.27	-1.49		.21	.21	.057
201- 202 #18- 1		0.0	1.99	585.98	3.14	.02	-10.15	.05	.12	6.58	.29	.00	1.57	.222
		5.6	1.99	199.41	2.09	.02	-7.65	.05	.12	2.24	.19	.00	1.19	.082
		7.3	1.99	-79.15	1.03	.02	-5.16	.05	.12	-.49	.10	.00	.80	.036
		10.9	1.99	-249.68	-.03	.02	-2.66	.05	.12	-2.80	-.00	.00	.42	.093
		14.5	1.99	-512.20	-1.09	.02	-.20	.05	.12	-3.50	-.10	.00	.03	.118
201- 204 #18- 1		0.0	2.72	583.59	3.40	.03	-10.11	-.05	.17	6.55	.32	.00	1.57	.224
		5.6	2.72	197.93	2.21	.03	-7.63	-.05	.17	2.22	.21	.00	1.19	.083
		7.2	2.72	-79.81	1.02	.03	-5.15	-.05	.17	-.90	.09	.00	.80	.037
		10.9	2.72	-249.03	-.17	.03	-2.66	-.05	.17	-2.80	-.02	.00	.42	.095
		14.5	2.72	-511.55	-1.36	.03	-.18	-.05	.17	-3.50	-.13	.00	.03	.121
201- 301 DKL- 1		0.0	-51.95	-259.86	591.97	2.04	1.83	34.05	-.57	-.72		.09	.09	.043
		3.8	-53.11	-157.37	300.03	2.04	1.83	34.05	-.58	-.53		.09	.09	.038
		7.5	-54.28	-75.08	208.10	2.04	1.83	34.05	-.60	-.35		.09	.09	.032
		11.3	-55.44	7.21	116.17	2.04	1.83	34.05	-.61	-.16		.09	.09	.028
		15.0	-56.60	89.50	24.24	2.04	1.83	34.05	-.62	-.15		.09	.09	.027
201- 303 120- 1		0.0	1.91	51.06	10.80	.05	-.90	-4.25	.10	.92		.13	.13	.032
		8.2	1.67	-13.79	6.24	.05	-.43	-4.25	.09	.27		.08	.08	.011
		16.5	1.42	-32.47	1.69	.05	.04	-4.25	.07	.57		.04	.04	.021
		24.5	1.18	-4.99	-2.87	.05	.52	-4.25	.06	.10		.09	.09	.005
		32.6	.93	60.64	-7.42	.05	.99	-4.25	.05	1.22		.14	.14	.040

SIHAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
202- 203 W16- 1		0.0	2.02	-323.54	-.54	-.01	.22	-.05	.12	-3.63	-.05	.00	.04	.121
		3.6	2.02	-259.99	-.31	-.01	2.70	-.05	.12	-2.92	-.03	.00	.42	.098
		7.3	2.02	-88.42	-.07	-.01	5.19	-.05	.12	-.99	-.01	.00	.81	.036
		10.9	2.02	191.16	.17	-.01	7.67	-.05	.12	2.15	.02	.00	1.19	.073
		14.5	2.02	578.76	.41	-.01	10.15	-.05	.12	6.49	.04	.00	1.58	.211
202- 204 W08- 1		0.0	.00	-11.25	-.35	-.00	-.17	.00	.00	-.54	-.06	.00	.09	.019
		3.6	.00	-16.95	-.18	-.00	-.09	.00	.00	-.81	-.03	.00	.05	.027
		7.2	.00	-16.86	-.00	-.00	-.00	.00	.00	-.91	-.00	.00	.00	.029
		10.9	.00	-16.99	.17	-.00	.09	.00	.00	-.82	.03	.00	.04	.027
		14.5	.00	-11.35	.34	-.00	.17	.00	.00	-.55	.06	.00	.09	.019
202- 205 W08- 1		0.0	-.04	11.38	-.19	-.00	-.24	-.02	-.01	.55	-.03	.00	.13	.020
		3.6	-.04	2.81	-.14	-.00	-.15	-.02	-.01	.14	-.02	.00	.08	.006
		7.2	-.04	-1.98	-.06	-.00	-.07	-.02	-.01	-.10	-.01	.00	.04	.004
		10.9	-.04	-2.99	-.03	-.00	.02	-.02	-.01	-.14	-.01	.01	.02	.005
		14.5	-.04	-.22	.03	-.00	.11	-.02	-.01	-.01	.00	.01	.06	.001
203- 205 W16- 1		0.0	2.05	1295.26	-.25	-.00	-22.64	-.07	.13	14.54	-.02	.00	3.51	.464
		3.6	2.05	433.46	-.18	-.00	-17.00	-.07	.13	4.86	-.02	.00	2.64	.159
		7.2	2.05	-183.34	-.11	-.00	-11.37	-.07	.13	-2.06	-.01	.00	1.77	.070
		10.9	2.05	-555.16	-.05	-.00	-5.73	-.07	.13	-6.23	-.00	.00	.89	.201
		14.5	2.05	-881.99	.02	-.00	-.10	-.07	.13	-7.65	.00	.00	.02	.246
203- 303 DBL- 1		0.0	-64.71	-552.67	-514.04	-3.78	2.49	-4.86	-.71	-1.18		.10	.10	.063
		5.8	-65.87	-440.98	-344.13	-3.78	2.49	-4.86	-.72	-.88		.10	.10	.054
		7.5	-67.03	-329.09	-174.22	-3.78	2.49	-4.86	-.74	-.58		.10	.10	.045
		11.3	-68.19	-217.20	-4.31	-3.78	2.49	-4.86	-.75	-.34		.10	.10	.038
		15.0	-69.36	-105.31	165.61	-3.78	2.49	-4.86	-.76	-.31		.10	.10	.037
203- 306 120- 1		0.0	1.81	43.16	-3.91	-.02	-.87	-.28	.10	.76		.09	.09	.027
		8.2	1.62	-18.80	-1.85	-.02	-.40	-.28	.08	.33		.04	.04	.013
		16.3	1.37	-54.81	.21	-.02	.07	-.28	.07	.61		.01	.01	.022
		24.5	1.13	-4.28	2.26	-.02	.55	-.28	.06	.09		.06	.06	.005
		32.6	.89	72.20	4.32	-.02	1.02	-.28	.05	1.26		.11	.11	.042
204- 205 W08- 1		0.0	.04	11.35	-.17	-.00	-.24	.02	.01	.55	-.03	.00	.13	.019
		3.6	.04	2.78	-.12	-.00	-.15	.02	.01	.13	-.02	.00	.08	.006
		7.3	.04	-2.00	-.06	-.00	-.07	.02	.01	-.10	-.01	.00	.04	.004
		10.9	.04	-3.00	-.03	-.00	.02	.02	.01	-.14	-.01	.01	.02	.005
		14.5	.04	-.22	.02	-.00	.11	.02	.01	-.01	.00	.01	.06	.001
204- 206 W16- 1		0.0	2.69	-322.89	-.45	-.01	.23	.05	.17	-3.62	-.08	.00	.04	.123
		3.6	2.69	-256.81	-.41	-.01	2.71	.05	.17	-2.90	-.04	.00	.42	.099
		7.3	2.69	-86.68	.03	-.01	5.20	.05	.17	-.97	.00	.00	.81	.037
		10.9	2.69	193.50	.47	-.01	7.68	.05	.17	2.17	.04	.00	1.19	.076
		14.5	2.69	569.70	.91	-.01	10.17	.05	.17	6.42	.08	.00	2.59	.218

S T R A N M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 16

U.S. NAVY - ACHN PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 W10- 1		0.0	2.01	-681.99	.07	-.00	.11	.06	.12	-7.65	.01	.00	.02	.246
		5.6	2.01	-554.36	.15	-.00	5.75	.06	.12	-6.22	.01	.00	.89	.201
		7.3	2.01	-181.45	.20	-.00	11.39	.06	.12	-2.04	.02	.00	1.77	.069
		10.9	2.01	436.75	.27	-.00	17.03	.06	.12	4.90	.03	.00	2.64	.160
		14.5	2.01	1300.22	.34	-.00	22.67	.06	.12	14.59	.03	.00	3.52	.466
206- 301 120- 1		0.0	-.50	46.12	.68	.04	-.88	-1.14	-.03	-.85		.10	.10	.028
		8.2	-.80	-15.18	-2.80	.04	-.41	-1.14	-.04	-.27		.05	.05	.011
		16.3	-1.05	-52.54	-6.28	.04	.06	-1.14	-.05	-.58		.02	.02	.021
		24.5	-1.29	-3.35	-9.76	.04	.53	-1.14	-.07	-.18		.07	.07	.009
		32.6	-1.55	71.78	-13.24	.04	1.00	-1.14	-.08	-1.29		.11	.11	.044
206- 306 DRL- 1		0.0	-64.46	742.09	164.85	.68	-6.14	.44	-.71	-1.19		.14	.14	.063
		3.8	-65.65	465.67	134.47	.68	-6.14	.44	-.72	-.76		.14	.14	.050
		7.5	-65.79	189.25	104.09	.68	-6.14	.44	-.73	-.34		.14	.14	.037
		11.3	-67.95	-87.18	73.71	.68	-6.14	.44	-.75	-.18		.14	.14	.033
		15.0	-69.11	-363.60	43.34	.68	-6.14	.44	-.76	-.57		.14	.14	.046
301- 303 123- 1		0.0	1.21	61.25	16.35	.06	-.97	-2.38	.06	1.12		.12	.12	.037
		7.3	1.21	-2.47	10.81	.06	-.50	-2.38	.06	.20		.07	.07	.008
		14.5	1.21	-25.18	5.27	.06	-.03	-2.38	.06	.45		.03	.03	.017
		21.7	1.21	-6.90	-.26	.06	.45	-2.38	.06	.12		.07	.07	.006
		29.0	1.21	52.38	-5.82	.06	.92	-2.38	.06	.93		.12	.12	.032
301- 306 123- 1		0.0	4.31	59.64	16.05	.06	-.97	-.85	.22	1.09		.11	.11	.042
		7.2	4.31	-4.15	10.79	.06	-.50	-.85	.22	.20		.06	.06	.014
		14.5	4.31	-26.92	5.53	.06	-.03	-.85	.22	.48		.01	.01	.023
		21.7	4.31	-8.72	.27	.06	.44	-.85	.22	.15		.05	.05	.013
		29.0	4.31	50.47	-4.99	.06	.92	-.85	.22	.89		.10	.10	.036
301- 401 DRL- 1		0.0	-58.26	-14.25	259.19	2.31	-1.02	80.31	-.64	-.37		.12	.12	.036
		7.1	-60.47	-101.17	41.46	2.31	-1.02	80.31	-.66	-.17		.12	.12	.051
		14.2	-62.66	-156.12	-156.25	2.31	-1.02	80.31	-.69	-.38		.12	.12	.058
		21.4	-64.89	-275.06	-353.94	2.31	-1.02	80.31	-.71	-.70		.12	.12	.049
		28.5	-67.10	-342.01	-551.65	2.31	-1.02	80.31	-.74	-1.03		.12	.12	.061
303- 306 123- 1		0.0	2.14	65.60	-4.26	-.03	-.99	-.41	.11	1.16		.11	.11	.040
		7.2	2.14	.11	-2.00	-.03	-.52	-.41	.11	.04		.06	.06	.005
		14.5	2.14	-24.40	.27	-.03	-.05	-.41	.11	.43		.01	.01	.017
		21.7	2.14	-7.92	2.53	-.03	.43	-.41	.11	.15		.05	.05	.008
		29.0	2.14	49.55	4.79	-.03	.90	-.41	.11	.88		.10	.10	.032
303- 403 DRL- 1		0.0	-71.71	-171.89	12.13	-.19	.54	1.34	-.79	-.27		.01	.01	.038
		7.1	-73.92	-125.72	28.46	-.19	.54	1.34	-.81	-.20		.01	.01	.037
		14.2	-76.13	-79.56	44.78	-.19	.54	1.34	-.84	-.14		.01	.01	.036
		21.4	-78.34	-33.39	61.10	-.19	.54	1.34	-.86	-.11		.01	.01	.036
		28.5	-80.54	12.77	77.42	-.19	.54	1.34	-.88	-.12		.01	.01	.038

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END PT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DAL- 1	0.0	-71.42	-215.55	79.40	1.15	.48	-3.34	-.78	-.36		.03	.03	.041
		7.1	-73.63	-174.92	-18.86	1.15	.48	-3.34	-.81	-.28		.03	.03	.039
		14.2	-75.84	-134.29	-117.12	1.15	.48	-3.34	-.83	-.28		.03	.03	.041
		21.4	-78.05	-93.67	-215.37	1.15	.48	-3.34	-.86	-.37		.03	.03	.044
		28.5	-80.26	-53.04	-313.63	1.15	.48	-3.34	-.88	-.50		.03	.03	.049
401- 501	JL4- 1	0.0	62.79	-515.66	-796.19	5.08	6.77	-66.08	.25	.30		.08	.08	.018
		1.1	61.82	-219.84	-865.73	5.08	6.94	-66.08	.24	.31		.08	.08	.018
		2.3	60.85	-123.79	-935.28	5.08	7.10	-66.08	.24	.33		.08	.08	.019
		3.4	59.87	-25.51	-1004.82	5.08	7.26	-66.08	.24	.35		.08	.08	.019
		4.6	58.90	75.00	-1074.37	5.08	7.42	-66.08	.23	.38		.08	.08	.020
401- 510	P1- 1	0.0	-129.22	20.13	1365.86	-7.13	2.79	242.32	-.58	-.64		.13	.13	.041
		1.1	-130.07	59.38	1463.60	-7.13	2.93	242.32	-.59	-.69		.13	.13	.042
		2.3	-130.91	100.57	1561.35	-7.13	3.07	242.32	-.59	-.73		.13	.15	.044
		3.4	-131.76	143.70	1659.09	-7.13	3.22	242.32	-.60	-.78		.13	.13	.045
		4.6	-132.61	188.77	1756.84	-7.13	3.36	242.32	-.60	-.83		.13	.13	.047
403- 503	JL4- 1	0.0	81.95	106.72	624.58	-2.34	-2.73	93.68	.32	.22		.04	.04	.018
		1.1	80.98	70.42	656.66	-2.34	-2.57	93.68	.32	.23		.04	.04	.018
		2.3	80.00	36.34	688.74	-2.34	-2.41	93.68	.31	.24		.04	.04	.019
		3.4	79.03	4.50	720.83	-2.34	-2.25	93.68	.31	.25		.04	.04	.019
		4.6	78.06	-25.12	752.91	-2.34	-2.08	93.68	.31	.27		.04	.04	.019
403- 511	P1- 1	0.0	-166.38	-115.51	-618.33	3.62	13.49	-94.32	-.75	-.29		.15	.15	.036
		1.1	-167.23	70.55	-668.04	3.62	13.63	-94.32	-.76	-.31		.15	.15	.036
		2.3	-168.08	256.55	-717.74	3.62	13.76	-94.32	-.76	-.36		.15	.15	.038
		3.4	-168.93	448.48	-767.44	3.62	13.92	-94.32	-.76	-.42		.15	.15	.040
		4.6	-169.77	640.36	-817.14	3.62	14.06	-94.32	-.77	-.49		.15	.15	.042
406- 506	JL4- 1	0.0	17.46	-502.61	480.30	-2.25	18.38	41.63	.07	.25		.15	.15	.010
		1.1	16.49	-244.96	511.15	-2.25	18.54	41.63	.06	.20		.15	.15	.009
		2.3	15.52	4.90	542.00	-2.25	18.70	41.63	.06	.19		.16	.16	.008
		3.4	14.55	261.99	572.85	-2.25	18.87	41.63	.06	.22		.16	.16	.009
		4.6	13.57	521.29	603.70	-2.25	19.05	41.63	.05	.28		.16	.16	.011
406- 512	P1- 1	0.0	-96.55	449.57	-769.15	3.40	-4.75	-96.20	-.44	-.42		.08	.08	.029
		1.1	-97.40	385.58	-835.83	3.40	-4.61	-96.20	-.44	-.43		.07	.07	.029
		2.3	-98.25	323.12	-862.51	3.40	-4.47	-96.20	-.44	-.44		.07	.07	.029
		3.4	-99.09	262.69	-929.19	3.40	-4.33	-96.20	-.45	-.45		.07	.07	.030
		4.6	-99.94	204.41	-975.86	3.40	-4.19	-96.20	-.45	-.47		.07	.07	.031
501- 502	165- 1	0.0	-8.87	95.28	106.64	.64	-1.80	14.68	-.29	-1.28		.20	.20	.053
		5.8	-8.87	22.40	64.48	.64	-1.41	14.68	-.29	-.65		.17	.17	.033
		7.6	-8.87	-32.75	50.32	.64	-1.02	14.68	-.29	-.40		.15	.15	.025
		11.4	-8.87	-70.18	-7.84	.64	-.63	14.68	-.29	-.63		.14	.14	.032
		15.1	-8.87	-89.87	-46.01	.64	-.24	14.68	-.29	-.90		.12	.12	.041

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504 105- 1		0.0	2.02	152.91	94.52	.00	-2.06	2.70	.07	1.69		.16	.16	.056
		3.8	2.02	77.93	64.74	.00	-1.67	2.70	.07	.91		.13	.13	.031
		7.6	2.02	10.84	34.96	.00	-1.28	2.70	.07	.33		.11	.11	.013
		11.4	2.02	-36.84	5.19	.00	-.89	2.70	.07	.35		.09	.09	.013
		15.1	2.02	-70.04	-24.54	.00	-.50	2.70	.07	.67		.07	.07	.023
501- 601 JL5- 1		0.0	53.95	291.56	-1067.56	-4.64	-1.58	-22.35	.38	.69		.08	.08	.035
		1.5	53.22	253.85	-982.67	-4.64	-1.46	-22.35	.37	.64		.08	.08	.033
		3.0	52.49	220.34	-898.18	-4.64	-1.34	-22.35	.37	.58		.07	.07	.031
		4.6	51.76	205.04	-813.49	-4.64	-1.22	-22.35	.36	.53		.07	.07	.029
		6.1	51.04	143.95	-728.80	-4.64	-1.10	-22.35	.36	.47		.07	.07	.027
501- 622 200- 1		0.0	-11.32	60.55	60.09	.10	-1.49	-6.39	-.30	-.48		.10	.10	.026
		5.1	-11.71	-14.59	54.12	.10	-.96	-6.39	-.31	-.31		.07	.07	.021
		10.2	-12.10	-57.13	48.14	.10	-.43	-6.39	-.32	-.42		.04	.04	.025
		15.3	-12.49	-67.07	42.17	.10	.10	-6.39	-.33	-.44		.03	.03	.026
		20.4	-12.87	-44.40	36.19	.10	.64	-6.39	-.34	-.32		.05	.05	.023
502- 503 105- 1		0.0	-8.38	-91.39	-44.94	-.03	.47	-11.61	-.28	-.91		.10	.10	.040
		3.8	-8.38	-61.05	-16.38	-.03	.86	-11.61	-.28	-.57		.12	.12	.029
		7.6	-8.38	-12.99	12.18	-.03	1.25	-11.61	-.28	-.16		.14	.14	.017
		11.4	-8.38	52.61	40.74	-.03	1.64	-11.61	-.28	-.60		.17	.17	.030
		15.1	-8.38	136.34	69.30	-.03	2.03	-11.61	-.28	-1.37		.19	.19	.055
502- 504 105- 1		0.0	-.35	12.89	-2.90	-.04	-.37	-3.85	-.03	-.44		.13	.13	.015
		3.8	-.35	-.39	-1.03	-.04	-.22	-3.85	-.03	-.04		.10	.10	.002
		7.6	-.35	-6.78	.83	-.04	-.06	-3.85	-.03	-.23		.08	.08	.008
		11.4	-.35	-6.29	2.70	-.04	.09	-3.85	-.03	-.23		.08	.08	.008
		15.2	-.35	1.09	4.57	-.04	.24	-3.85	-.03	-.16		.10	.10	.006
502- 505 105- 1		0.0	-1.31	13.76	1.84	.03	-.34	2.59	-.11	-.46		.10	.10	.019
		3.8	-1.31	1.03	.44	.03	-.19	2.59	-.11	-.06		.08	.08	.006
		7.6	-1.31	-3.62	-.95	.03	-.04	2.59	-.11	-.13		.05	.05	.008
		11.4	-1.31	-1.97	-2.35	.03	.11	2.59	-.11	-.10		.06	.06	.008
		15.2	-1.31	6.56	-3.75	.03	.26	2.59	-.11	-.25		.09	.09	.012
503- 505 105- 1		0.0	-23.77	188.70	-48.30	-.30	-2.26	-3.17	-.79	-1.74		.17	.17	.086
		3.8	-23.77	94.72	-30.89	-.30	-1.87	-3.17	-.79	-.89		.14	.14	.061
		7.6	-23.77	18.47	-17.48	-.30	-1.48	-3.17	-.79	-.23		.11	.11	.040
		11.4	-23.77	-80.06	-4.07	-.30	-1.09	-3.17	-.79	-.36		.09	.09	.044
		15.1	-23.77	-80.66	9.34	-.30	-.70	-3.17	-.79	-.73		.06	.06	.056
503- 603 JL5- 1		0.0	48.76	294.96	609.76	2.06	-2.42	23.78	.34	.43		.06	.06	.025
		1.5	48.03	251.98	561.20	2.06	-2.30	23.78	.34	.39		.06	.06	.024
		3.0	47.30	211.20	512.64	2.06	-2.17	23.78	.33	.35		.06	.06	.022
		4.6	46.58	172.63	464.07	2.06	-2.05	23.78	.33	.31		.05	.05	.021
		6.1	45.85	136.27	415.51	2.06	-1.93	23.78	.32	.27		.05	.05	.020

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	31.98	166.18	-65.90	-.23	-1.86	-8.36	.84	1.00		.12	.12	.061
		5.1	31.59	69.05	-50.16	-.23	-1.34	-8.36	.83	.48		.09	.09	.044
		10.1	31.20	3.68	-36.42	-.23	-.81	-8.36	.82	.20		.07	.07	.035
		15.2	30.82	-29.32	-22.66	-.23	-.28	-8.36	.81	.21		.04	.04	.035
		20.3	30.45	-30.56	-8.94	-.23	.24	-8.36	.80	.18		.04	.04	.033
504- 505	105- 1	0.0	1.44	-.02	-1.71	.00	-.29	1.56	.12	.06		.07	.07	.006
		3.8	1.44	-9.54	-1.75	.00	-.13	1.56	.12	.32		.05	.05	.014
		7.6	1.44	-12.17	-1.79	.00	.02	1.56	.12	.41		.03	.03	.017
		11.4	1.44	-7.90	-1.82	.00	.17	1.56	.12	.27		.05	.05	.013
		15.2	1.44	3.26	-1.86	.00	.32	1.56	.12	.13		.08	.08	.008
504- 506	165- 1	0.0	1.09	-66.11	-18.31	-.31	.02	.89	.04	.63		.02	.02	.021
		3.8	1.09	-56.41	-4.16	-.31	.41	.89	.04	.52		.04	.04	.016
		7.6	1.09	-30.96	9.99	-.31	.80	.89	.04	.29		.06	.06	.010
		11.4	1.09	14.22	24.14	-.31	1.19	.89	.04	.25		.09	.09	.009
		15.2	1.09	77.13	38.28	-.31	1.58	.89	.04	.77		.11	.11	.026
505- 506	165- 1	0.0	-25.17	-75.62	3.73	-.18	-.12	-11.11	-.83	-.68		.06	.06	.056
		3.8	-25.17	-72.13	11.83	-.18	.27	-11.11	-.83	-.65		.07	.07	.055
		7.6	-25.17	-50.90	19.92	-.18	.66	-11.11	-.83	-.49		.10	.10	.050
		11.4	-25.17	-11.94	28.02	-.18	1.05	-11.11	-.83	-.27		.12	.12	.043
		15.2	-25.17	44.75	36.12	-.18	1.44	-11.11	-.83	-.51		.15	.15	.051
506- 606	JL5- 1	0.0	13.59	692.50	544.52	1.86	-2.49	36.27	.10	.55		.05	.05	.021
		1.5	12.87	648.23	510.71	1.86	-2.36	36.27	.09	.52		.05	.05	.019
		3.0	12.14	606.21	476.80	1.86	-2.24	36.27	.08	.48		.05	.05	.018
		4.6	11.41	566.42	442.90	1.86	-2.12	36.27	.08	.45		.05	.05	.017
		6.1	10.68	528.87	408.99	1.86	-2.00	36.27	.07	.42		.05	.05	.016
505- 624	200- 1	0.0	-18.54	89.30	-12.47	.09	-1.61	8.41	-.48	-.50		.11	.11	.034
		5.1	-18.73	7.75	-18.15	.09	-1.08	8.41	-.49	-.11		.08	.08	.022
		10.1	-19.12	-41.67	-23.84	.09	-.55	8.41	-.50	-.27		.05	.05	.027
		15.2	-19.50	-59.57	-29.52	.09	-.03	8.41	-.51	-.37		.03	.03	.031
		20.2	-19.89	-45.35	-35.21	.09	.50	8.41	-.52	-.32		.05	.05	.030
510- 710	P1- 1	0.0	-132.61	177.58	1758.27	-7.01	-1.69	457.95	-.60	-.83		.17	.17	.048
		6.3	-137.31	79.09	2291.22	-7.01	-.90	457.95	-.62	-1.07		.17	.17	.057
		12.7	-141.96	43.78	-1553.39	-1.56	-.13	-210.21	-.64	-.73		.06	.06	.046
		19.0	-146.05	54.90	-1434.65	-1.56	.55	-210.21	-.66	-.67		.07	.07	.045
		25.3	-150.14	127.65	-1315.91	-1.56	1.23	-210.21	-.68	-.62		.07	.07	.044
511- 711	P1- 1	0.0	-159.78	835.17	-821.26	3.55	11.69	-212.65	-.77	-.49		.16	.16	.043
		6.3	-174.46	1553.45	-1090.00	3.55	12.47	-212.65	-.79	-.89		.17	.17	.057
		12.7	-179.90	-1302.13	853.59	.80	8.59	124.94	-.81	-.72		.11	.11	.053
		19.0	-185.99	-822.73	772.56	.80	9.28	124.94	-.83	-.46		.11	.11	.045
		25.3	-188.08	108.46	711.52	.80	9.96	124.94	-.85	-.34		.12	.12	.042

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 16

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	P1- 1	0.0	-99.93	204.41	-975.93	3.40	-17.07	-190.96	-.45	-.47		.20	.20	.031
		6.3	-108.65	-1063.58	-1234.70	3.40	-16.28	-190.96	-.47	-.76		.20	.20	.041
		12.7	-108.50	1563.65	895.04	.08	-10.85	146.41	-.49	-.80		.13	.13	.043
		19.0	-112.59	764.35	643.09	.08	-10.17	146.41	-.51	-.47		.13	.13	.033
		25.3	-115.58	16.90	591.14	.08	-9.49	146.41	-.53	-.28		.12	.12	.028
601- 621	JL6- 1	0.0	41.15	75.28	-951.72	-4.35	-.72	-5.74	.29	.60		.06	.06	.029
		1.5	40.42	61.30	-872.34	-4.35	-.60	-5.74	.28	.55		.06	.06	.027
		3.0	39.69	51.55	-792.95	-4.35	-.47	-5.74	.28	.50		.06	.06	.025
		4.6	38.96	44.01	-713.56	-4.35	-.35	-5.74	.27	.45		.06	.06	.024
		6.1	38.23	38.71	-634.17	-4.35	-.23	-5.74	.27	.40		.06	.06	.022
603- 623	JL6- 1	0.0	35.90	23.95	642.80	2.54	-1.46	14.24	.25	.40		.04	.04	.021
		1.5	35.17	-1.59	600.15	2.54	-1.34	14.24	.25	.38		.04	.04	.020
		3.0	34.44	-24.90	557.46	2.54	-1.22	14.24	.24	.35		.04	.04	.019
		4.6	33.71	-45.97	514.79	2.54	-1.09	14.24	.24	.32		.04	.04	.018
		6.1	32.98	-64.62	472.12	2.54	-.97	14.24	.23	.30		.04	.04	.017
606- 626	JL6- 1	0.0	10.69	528.67	409.11	1.66	-1.96	34.95	.07	.42		.05	.05	.016
		1.5	9.96	494.19	375.22	1.66	-1.84	34.95	.07	.39		.05	.05	.015
		3.0	9.23	461.70	341.33	1.66	-1.72	34.95	.06	.36		.05	.05	.014
		4.6	8.50	431.40	307.45	1.66	-1.60	34.95	.06	.33		.05	.05	.013
		6.1	7.77	403.30	273.56	1.66	-1.48	34.95	.05	.31		.04	.04	.012
621- 651	JL6- 1	0.0	38.24	35.57	-634.36	-4.32	-.15	-4.68	.27	.40		.06	.06	.022
		1.5	37.50	33.70	-555.55	-4.32	-.05	-4.68	.26	.35		.06	.06	.020
		3.0	36.77	33.78	-476.73	-4.32	.06	-4.68	.26	.30		.06	.06	.018
		4.6	36.33	35.73	-397.92	-4.32	.16	-4.68	.25	.25		.06	.06	.017
		6.1	35.70	39.62	-319.11	-4.32	.27	-4.68	.25	.20		.06	.06	.015
622- 703	200- 1	0.0	-12.68	-44.42	36.08	.11	.49	-6.85	-.34	-.32		.05	.05	.023
		5.4	-12.85	-13.68	28.87	.11	.45	-6.85	-.34	-.18		.04	.04	.018
		10.9	-12.81	13.81	21.66	.11	.40	-6.85	-.34	-.14		.04	.04	.017
		16.3	-12.78	38.55	14.21	.14	.34	-6.85	-.34	-.23		.04	.04	.020
		21.8	-12.75	57.30	-.66	.31	.23	-6.85	-.34	-.32		.04	.04	.023
623- 655	JL6- 1	0.0	32.99	-57.17	471.81	2.32	-.91	13.53	.23	.30		.04	.04	.017
		1.5	32.35	-82.69	429.50	2.32	-.81	13.53	.23	.27		.04	.04	.017
		3.0	31.72	-96.70	387.31	2.32	-.70	13.53	.22	.25		.04	.04	.016
		4.6	31.08	-106.59	345.06	2.32	-.60	13.53	.22	.23		.04	.04	.015
		6.1	30.45	-116.55	302.81	2.32	-.49	13.53	.21	.20		.04	.04	.014
624- 701	200- 1	0.0	-19.89	-45.35	-35.22	.10	.50	8.39	-.52	-.32		.05	.05	.030
		5.5	-19.80	-13.08	-41.62	.10	.46	8.39	-.52	-.25		.05	.05	.027
		11.0	-19.43	19.08	-48.03	.10	.41	8.39	-.52	-.28		.05	.05	.029
		16.5	-19.79	40.71	-55.91	.05	.35	8.39	-.52	-.38		.04	.04	.032
		21.9	-19.77	59.09	-51.41	-.12	.23	8.39	-.52	-.44		.04	.04	.034

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 700 200- 1		0.0	30.43	-30.55	-8.95	-.24	.25	-8.38	.80	.18		.04	.04	.033
		5.5	30.46	-15.35	7.02	-.24	.21	-8.38	.80	.09		.04	.04	.031
		11.0	30.49	-3.01	23.00	-.24	.17	-8.38	.80	.13		.04	.04	.032
		16.4	30.53	5.48	38.97	-.24	.05	-8.38	.80	.22		.04	.04	.035
		21.9	30.56	.25	54.93	-.24	-.20	-8.38	.80	.31		.04	.04	.038
626- 650 JL6- 1		0.0	7.77	403.50	273.50	1.66	-1.49	35.39	.05	.31		.04	.04	.012
		1.5	7.13	377.03	239.50	1.66	-1.34	35.39	.05	.28		.04	.04	.011
		3.0	6.50	352.68	205.71	1.66	-1.28	35.39	.05	.26		.04	.04	.010
		4.6	5.87	330.26	171.81	1.66	-1.18	35.39	.04	.23		.04	.04	.009
		6.1	5.25	309.77	137.91	1.66	-1.07	35.39	.04	.21		.04	.04	.008
651- 701 JL6- 1		0.0	32.42	-9.55	-496.02	-5.65	.56	30.26	.23	.31		.09	.09	.018
		1.8	31.66	-.48	-375.78	-5.65	.49	30.26	.22	.24		.09	.09	.015
		3.5	30.94	11.08	-255.63	-5.63	.56	30.26	.22	.16		.09	.09	.013
		5.3	30.21	23.74	-136.39	-5.57	.61	30.26	.21	.09		.09	.09	.010
		7.1	29.47	37.27	-18.35	-5.51	.66	30.26	.21	.03		.09	.09	.008
653- 703 JL6- 1		0.0	26.72	-174.29	476.88	3.66	-.40	-21.24	.19	.32		.06	.06	.017
		1.8	25.98	-181.56	398.55	3.68	-.28	-21.24	.18	.28		.06	.06	.015
		3.5	25.24	-186.22	320.22	3.68	-.17	-21.24	.18	.23		.06	.06	.013
		5.3	24.49	-189.05	241.73	3.69	-.10	-21.24	.17	.19		.06	.06	.012
		7.1	23.74	-190.37	163.00	3.70	-.03	-21.24	.17	.16		.06	.06	.011
656- 706 JL6- 1		0.0	5.23	309.77	137.90	1.66	-1.07	35.45	.04	.21		.04	.04	.008
		1.8	4.49	288.25	98.35	1.66	-.95	35.45	.03	.19		.04	.04	.007
		3.5	3.75	269.44	59.08	1.81	-.81	35.45	.03	.17		.04	.04	.006
		5.3	3.02	253.70	21.20	1.74	-.66	35.45	.02	.16		.04	.04	.006
		7.1	2.28	241.19	-15.16	1.67	-.51	35.45	.02	.15		.04	.04	.005
701- 702 137- 1		0.0	3.35	-14.12	33.94	.09	.12	-.73	.17	.65		.02	.02	.027
		4.7	3.35	-7.41	26.36	.18	.12	-.73	.17	.48		.03	.03	.021
		9.4	3.35	-.96	13.50	.28	.11	-.73	.17	.24		.04	.04	.014
		14.1	3.35	5.22	-4.64	.37	.11	-.73	.17	.12		.05	.05	.010
		18.8	3.35	11.14	-28.06	.46	.10	-.73	.17	.53		.06	.06	.023
701- 704 137- 1		0.0	4.27	-9.08	31.86	.04	.10	2.40	.22	.58		.03	.03	.026
		4.7	4.26	-5.41	26.72	.14	.10	2.40	.22	.47		.04	.04	.023
		9.4	4.26	1.99	15.58	.25	.09	2.40	.22	.28		.05	.05	.017
		14.1	4.29	7.15	-1.24	.35	.09	2.40	.22	.13		.06	.06	.012
		18.8	4.30	12.01	-24.05	.46	.08	2.40	.22	.47		.07	.07	.023
701- 801 JL7- 1		0.0	15.98	-7.40	-84.83	-.47	.14	-7.69	.23	.11		.02	.02	.011
		7.1	14.55	3.52	-52.46	-.29	.12	-7.69	.21	.07		.01	.01	.009
		14.2	13.12	14.49	-36.48	-.9	.14	-7.69	.19	.05		.01	.01	.008
		21.3	11.67	27.49	-38.59	.14	.16	-7.69	.17	.06		.01	.01	.006
		28.4	10.19	42.12	-61.21	.40	.18	-7.69	.14	.09		.02	.02	.008

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 606 200- 1		0.0	2.01	-93.42	8.57	-.41	1.04	-11.97	.05	.53		.09	.09	.018
		12.5	2.06	20.65	49.32	-.15	.49	-11.97	.05	.30		.06	.06	.011
		25.1	2.12	55.27	49.83	.13	-.02	-11.97	.06	.42		.04	.04	.015
		37.6	2.18	10.14	12.23	.37	-.49	-11.97	.06	.11		.07	.07	.006
		50.2	2.25	-90.27	-61.35	.00	-.92	-11.97	.06	.61		.09	.09	.021
702- 703 157- 1		0.0	5.98	10.74	-21.61	-.57	-.08	.94	.21	.43		.05	.05	.021
		4.7	3.98	6.19	-5.38	-.26	-.08	.94	.21	.12		.04	.04	.011
		9.4	3.98	1.59	9.57	-.18	-.09	.94	.21	.17		.03	.03	.013
		14.1	3.98	-3.09	17.24	-.09	-.09	.94	.21	.31		.02	.02	.017
		18.8	3.98	-9.02	19.63	.00	-.10	.94	.21	.38		.02	.02	.019
702- 704 107- 1		0.0	-.08	-1.37	-.42	-.01	.09	-.54	-.01	-.05		.02	.02	.002
		4.7	-.08	2.54	.19	-.01	.04	-.54	-.01	-.08		.02	.02	.003
		9.4	-.08	5.41	.79	-.01	-.00	-.54	-.01	-.12		.01	.01	.004
		14.1	-.08	1.85	1.40	-.01	-.05	-.54	-.01	-.08		.02	.02	.005
		18.8	-.08	-2.55	2.00	-.01	-.10	-.54	-.01	-.10		.03	.03	.004
702- 705 107- 1		0.0	-.99	-1.02	-6.04	-.19	.09	.28	-.08	-.20		.04	.04	.010
		4.7	-.98	2.82	1.69	-.09	.04	.28	-.08	-.11		.02	.02	.007
		9.4	-.98	4.63	3.43	.02	-.00	.28	-.08	-.19		.01	.01	.009
		14.1	-.97	2.60	.08	.12	-.05	.28	-.08	-.09		.03	.03	.006
		18.8	-.96	-1.47	-9.66	.23	-.10	.28	-.08	-.33		.05	.05	.014
703- 705 157- 1		0.0	-10.13	-6.15	-25.82	-.18	.09	-1.92	-.53	-.47		.04	.04	.041
		4.7	-10.13	-1.45	-15.93	-.18	.08	-1.92	-.53	-.28		.04	.04	.035
		9.4	-10.13	2.98	-6.05	-.18	.08	-1.92	-.53	-.12		.04	.04	.030
		14.1	-10.13	7.15	3.84	-.18	.07	-1.92	-.53	-.14		.04	.04	.031
		18.8	-10.13	11.06	13.73	-.18	.07	-1.92	-.53	-.31		.04	.04	.036
703- 801 200- 1		0.0	1.62	-76.54	60.05	.60	.83	12.12	.04	.54		.09	.09	.019
		12.5	1.65	14.96	-31.23	.41	.39	12.12	.04	.19		.06	.06	.008
		25.1	1.71	42.86	-64.14	.03	-.02	12.12	.04	.43		.04	.04	.015
		37.6	1.80	9.79	-38.96	-.36	-.42	12.12	.05	.22		.06	.06	.009
		50.2	1.91	-81.65	44.07	-.74	-.80	12.12	.05	.52		.09	.09	.018
703- 803 JL7- 1		0.0	13.26	-252.72	174.96	.92	.98	26.17	.19	.39		.05	.05	.019
		7.1	11.78	-164.17	93.74	.99	1.11	26.17	.17	.24		.06	.06	.013
		14.2	10.30	-85.42	6.30	1.07	1.26	26.17	.15	.06		.06	.06	.008
		21.3	8.82	51.04	-88.03	1.15	1.44	26.17	.12	.13		.07	.07	.008
		28.4	7.36	165.13	-169.94	1.24	1.65	26.17	.10	.34		.08	.08	.014
704- 705 107- 1		0.0	1.04	-2.64	-8.48	-.19	.10	.29	.09	.30		.04	.04	.012
		4.7	1.04	1.42	-.21	-.10	.05	.29	.09	.05		.02	.02	.005
		9.4	1.04	2.84	2.73	-.01	.00	.29	.09	.13		.01	.01	.007
		14.1	1.04	1.62	.40	.09	-.05	.29	.09	.06		.02	.02	.005
		18.8	1.04	-2.24	-7.22	.18	-.09	.29	.09	.25		.04	.04	.011

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	3.56	12.37	-13.61	-.28	-.11	-2.34	.18	.32		.05	.05	.017
		4.7	3.56	6.08	-.45	-.18	-.11	-2.34	.19	.11		.04	.04	.010
		9.4	3.56	-.46	7.38	-.10	-.12	-2.34	.18	.13		.04	.04	.011
		14.1	3.55	-7.28	10.47	-.02	-.12	-2.34	.18	.22		.03	.03	.014
		18.8	3.54	-14.35	9.37	.05	-.13	-2.34	.18	.30		.04	.04	.016
705- 706	137- 1	0.0	-11.49	11.94	-3.14	-.08	-.12	1.29	-.60	-.22		.03	.03	.037
		4.7	-11.49	5.01	1.42	-.08	-.13	1.29	-.60	-.09		.03	.03	.033
		9.4	-11.49	-2.14	5.99	-.08	-.13	1.29	-.60	-.11		.03	.03	.033
		14.1	-11.49	-9.63	10.55	-.08	-.13	1.29	-.60	-.25		.03	.03	.038
		18.8	-11.49	-17.34	15.12	-.08	-.14	1.29	-.60	-.41		.03	.03	.043
705- 803	200- 1	0.0	-5.50	-40.17	-41.77	-.08	.38	-.91	-.14	-.32		.02	.02	.017
		12.5	-5.44	-.58	-24.88	-.14	.15	-.91	-.14	-.14		.01	.01	.011
		25.1	-5.38	9.01	-2.82	-.15	-.00	-.91	-.14	-.06		.01	.01	.008
		37.6	-5.26	2.07	19.24	-.14	-.08	-.91	-.14	-.11		.01	.01	.010
		50.2	-5.19	-11.02	36.14	-.08	-.07	-.91	-.14	-.21		.01	.01	.013
706- 806	JL7- 1	0.0	25.03	189.95	-18.33	.34	-1.11	10.90	.35	.22		.04	.04	.019
		7.1	23.58	89.98	-37.37	.10	-.75	10.90	.33	.12		.03	.03	.015
		14.2	22.15	45.46	-33.75	-.19	-.29	10.90	.31	.07		.02	.02	.013
		21.3	20.67	43.04	-2.97	-.54	.24	10.90	.29	.05		.02	.02	.012
		28.4	19.20	89.36	57.60	-.89	.86	10.90	.27	.14		.04	.04	.014
710- 810	P2- 1	0.0	-150.13	125.89	-1315.96	-1.60	-2.02	-61.07	-.60	-.55		.03	.03	.039
		7.1	-155.33	-9.09	-1179.58	-1.60	-1.15	-61.07	-.62	-.49		.03	.03	.038
		14.2	-160.53	-70.44	-1043.20	-1.60	-.29	-61.07	-.64	-.44		.03	.03	.037
		21.3	-165.74	-58.15	-906.82	-1.60	.58	-61.07	-.66	-.38		.03	.03	.036
		28.4	-170.93	27.75	-770.44	-1.60	1.44	-61.07	-.68	-.32		.03	.03	.035
711- 811	P2- 1	0.0	-188.06	107.40	711.66	.85	-1.67	73.02	-.75	-.30		.03	.03	.037
		7.1	-193.26	1.69	639.08	.85	-.81	73.02	-.77	-.27		.02	.02	.037
		14.2	-198.47	-30.39	566.50	.85	.06	73.02	-.79	-.24		.02	.02	.037
		21.3	-203.67	11.16	493.92	.85	.92	73.02	-.81	-.21		.03	.03	.036
		28.4	-208.86	126.34	421.34	.85	1.78	73.02	-.83	-.18		.03	.03	.036
712- 812	P2- 1	0.0	-116.69	16.90	591.06	.68	-1.37	60.88	-.46	-.25		.02	.02	.025
		7.1	-121.89	-63.35	552.68	.68	-.51	60.88	-.48	-.22		.02	.02	.025
		14.2	-127.09	-69.85	474.70	.68	.36	60.88	-.51	-.20		.02	.02	.025
		21.3	-132.29	-2.66	416.52	.68	1.22	60.88	-.53	-.17		.02	.02	.025
		28.4	-137.49	138.24	358.34	.68	2.09	60.88	-.55	-.16		.03	.03	.025
801- 802	146- 1	0.0	-2.38	-11.56	32.93	-.01	.13	.31	-.11	-.51		.01	.01	.022
		5.7	-2.38	-3.59	29.75	.11	.10	.31	-.11	-.43		.02	.02	.020
		11.4	-2.38	2.04	17.76	.24	.07	.31	-.11	-.26		.03	.03	.014
		17.1	-2.38	5.34	-3.94	.39	.03	.31	-.11	-.10		.04	.04	.009
		22.8	-2.38	8.39	-36.36	.56	-.00	.31	-.11	-.53		.05	.05	.023

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
601- 604 140- 1		0.0	-2.61	-11.72	51.88	-.02	.14	-.29	-.12	-.49		.02	.02	.022
		5.7	-2.60	-3.52	28.96	.11	.11	-.29	-.12	-.42		.02	.02	.020
		11.4	-2.59	2.74	17.34	.25	.07	-.29	-.12	-.25		.03	.03	.015
		17.1	-2.59	6.46	-2.97	.36	.04	-.29	-.12	-.10		.04	.04	.010
		22.8	-2.58	7.65	-31.97	.49	.00	-.29	-.12	-.48		.05	.05	.022
601- 901 JL0- 1		0.0	11.46	-101.49	-20.64	-.01	.38	-23.42	.16	.13		.04	.04	.010
		5.1	9.75	-82.79	23.43	-.30	.42	-23.42	.14	.09		.03	.03	.007
		10.2	8.04	-17.77	58.69	-.01	.51	-23.42	.11	.05		.03	.03	.006
		24.3	5.35	38.30	26.92	.25	.64	-23.42	.09	.06		.03	.03	.005
		32.4	4.65	107.98	-6.76	.48	.79	-23.42	.07	.14		.04	.04	.007
601- 903 200- 1		0.0	-.40	-28.32	-90.28	-1.00	.30	-10.31	-.01	-.53		.08	.08	.017
		14.9	-.25	8.45	46.71	-.52	.10	-10.31	-.01	-.26		.06	.06	.009
		29.8	-.15	12.02	90.59	.04	-.03	-10.31	-.00	-.51		.03	.03	.016
		44.7	-.05	.77	28.05	.67	-.09	-10.31	-.00	-.16		.06	.06	.005
		59.6	-.00	-16.98	-154.21	1.38	-.10	-10.31	-.00	-.87		.10	.10	.027
602- 603 140- 1		0.0	-1.57	6.20	-24.78	-.45	-.00	-.13	-.07	-.37		.04	.04	.016
		5.7	-1.57	4.76	-.03	-.28	-.04	-.13	-.07	-.07		.03	.03	.006
		11.4	-1.57	.99	13.04	-.11	-.07	-.13	-.07	-.19		.01	.01	.010
		17.1	-1.57	-5.12	14.43	.07	-.11	-.13	-.07	-.22		.01	.01	.011
		22.8	-1.57	-13.57	4.13	.24	-.14	-.13	-.07	-.21		.03	.03	.010
602- 604 100- 1		0.0	-.06	.10	-.54	-.00	-.00	-.16	-.01	-.01		.00	.00	.001
		5.7	-.06	.08	-.12	-.00	-.00	-.16	-.01	-.00		.00	.00	.000
		11.4	-.06	.06	.09	-.00	-.00	-.16	-.01	-.00		.00	.00	.000
		17.1	-.06	.04	.31	-.00	-.00	-.16	-.01	-.01		.00	.00	.001
		22.8	-.06	.02	.52	-.00	-.00	-.16	-.01	-.02		.00	.00	.001
602- 605 100- 1		0.0	-1.24	.25	-11.24	-.25	.00	.13	-.10	-.38		.04	.04	.017
		5.7	-1.24	.33	1.66	-.12	.00	.13	-.10	-.06		.02	.02	.007
		11.4	-1.23	.41	5.85	.00	.00	.13	-.10	-.20		.00	.00	.011
		17.1	-1.22	.50	1.55	.13	.00	.13	-.10	-.05		.02	.02	.006
		22.8	-1.21	.58	-11.85	.26	.00	.13	-.10	-.40		.05	.05	.017
603- 605 140- 1		0.0	-2.06	-10.70	-20.25	-.11	.13	-1.13	-.10	-.33		.02	.02	.016
		5.7	-2.06	-2.46	-12.67	-.11	.10	-1.13	-.10	-.19		.02	.02	.011
		11.4	-2.06	2.45	-5.09	-.11	.06	-1.13	-.10	-.08		.02	.02	.008
		17.1	-2.06	5.52	2.49	-.11	.03	-1.13	-.10	-.09		.02	.02	.008
		22.8	-2.06	6.26	10.07	-.11	-.01	-1.13	-.10	-.17		.02	.02	.011
603- 905 JL0- 1		0.0	4.11	13.69	-99.44	-.68	-.41	-2.69	.06	.13		.02	.02	.006
		5.1	2.44	-12.75	-39.24	-.55	-.12	-2.69	.03	.05		.02	.02	.003
		10.2	.76	-7.57	7.50	-.40	.24	-2.69	.01	.01		.01	.01	.001
		24.3	-.95	35.12	57.77	-.21	.67	-2.69	-.01	-.07		.02	.02	.005
		32.4	-2.64	124.49	48.11	.01	1.16	-2.69	-.04	-.17		.03	.03	.007

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP END SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906 206- 1		0.0	.04	-143.82	-47.64	-.16	1.27	-.97	.00	.85		.07	.07	.027
		14.9	.10	23.18	-19.03	-.15	.61	-.97	.00	.17		.04	.04	.005
		29.8	.23	74.67	3.94	-.10	-.02	-.97	.01	.42		.01	.01	.013
		44.7	.36	17.82	16.25	-.04	-.60	-.97	.01	.13		.03	.03	.005
		59.6	.45	-156.92	16.69	.03	-1.12	-.97	.01	.77		.06	.06	.025
804- 805 106- 1		0.0	1.17	.16	-10.42	-.23	-.00	.23	.10	.35		.04	.04	.014
		5.7	1.17	.05	1.27	-.11	-.00	.23	.10	.04		.02	.02	.005
		11.4	1.17	-.07	5.16	.00	-.00	.23	.10	.17		.00	.00	.009
		17.1	1.17	-.19	1.25	.11	-.00	.23	.10	.04		.02	.02	.005
		22.8	1.17	-.51	-10.45	.23	-.00	.23	.10	.35		.04	.04	.014
804- 806 148- 1		0.0	-3.40	7.71	-21.04	-.36	.00	-.33	-.16	-.32		.04	.04	.019
		5.7	-3.39	6.86	-.54	-.24	-.03	-.33	-.16	-.10		.02	.02	.012
		11.4	-3.38	5.67	11.25	-.11	-.06	-.33	-.16	-.17		.01	.01	.014
		17.1	-3.37	-1.86	14.35	.02	-.10	-.33	-.16	-.21		.01	.01	.015
		22.8	-3.37	-4.73	8.74	.15	-.13	-.33	-.16	-.19		.02	.02	.014
805- 806 148- 1		0.0	-3.67	7.01	-12.23	-.13	-.01	-1.42	-.17	-.20		.02	.02	.016
		5.7	-3.67	5.57	-3.35	-.13	-.04	-1.42	-.17	-.09		.02	.02	.012
		11.4	-3.67	1.40	5.57	-.13	-.08	-1.42	-.17	-.08		.02	.02	.012
		17.1	-3.67	-4.92	14.46	-.13	-.11	-1.42	-.17	-.22		.03	.03	.016
		22.8	-3.67	-15.57	23.36	-.13	-.14	-1.42	-.17	-.39		.03	.03	.022
805- 901 206- 1		0.0	-.30	-38.28	68.27	.64	.45	9.68	-.01	-.44		.07	.07	.014
		14.9	-.27	14.76	-21.83	.57	.16	9.68	-.01	-.15		.05	.05	.005
		29.8	-.22	24.48	-60.01	.05	-.03	9.68	-.01	-.36		.03	.03	.012
		44.7	-.17	5.59	-37.13	-.33	-.17	9.68	-.00	-.21		.05	.05	.007
		59.6	-.09	-57.29	63.59	-.81	-.30	9.68	-.00	-.41		.07	.07	.013
805- 906 JL6- 1		0.0	20.31	-50.15	102.63	.95	-.81	40.69	.29	.15		.06	.06	.015
		8.1	18.65	-90.03	30.66	.52	-.01	40.69	.26	.12		.04	.04	.013
		16.2	16.99	-50.08	5.79	.03	.85	40.69	.24	.06		.05	.05	.010
		24.3	15.34	77.30	24.26	-.45	1.77	40.69	.22	.10		.08	.08	.011
		32.4	13.65	297.69	94.32	-.99	2.77	40.69	.19	.40		.11	.11	.019
810- 910 P2- 1		0.0	-170.93	20.61	-770.57	-1.57	-1.47	-75.29	-.68	-.32		.03	.03	.036
		8.1	-176.87	-66.55	-617.25	-1.57	-.48	-75.29	-.70	-.26		.03	.03	.034
		16.2	-182.82	-64.67	-464.12	-1.57	.51	-75.29	-.73	-.20		.03	.03	.033
		24.3	-188.76	55.62	-310.99	-1.57	1.51	-75.29	-.75	-.13		.03	.03	.032
		32.4	-194.70	226.55	-157.86	-1.57	2.50	-75.29	-.77	-.12		.04	.04	.033
811- 911 P2- 1		0.0	-206.86	126.62	421.11	.62	-1.67	21.30	-.83	-.18		.02	.02	.037
		8.1	-214.91	12.20	341.52	.62	-.68	21.30	-.85	-.14		.01	.01	.036
		16.2	-220.75	-5.74	261.93	.62	.31	21.30	-.88	-.11		.01	.01	.036
		24.3	-226.69	72.65	182.34	.62	1.30	21.30	-.90	-.08		.02	.02	.036
		32.4	-232.63	240.11	102.75	.62	2.30	21.30	-.93	-.11		.02	.02	.038

S T R A N M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	P2- 1	0.0	-137.48	138.24	358.36	.68	-2.10	104.17	-.55	-.16		.04	.04	.025
		8.1	-143.43	-17.94	291.66	.68	-1.11	104.17	-.57	-.12		.03	.03	.025
		16.2	-149.37	-77.57	225.36	.68	-.12	104.17	-.59	-.10		.03	.03	.025
		24.3	-155.32	-40.05	158.86	.68	.86	104.17	-.62	-.07		.03	.03	.025
		32.4	-161.26	92.78	92.36	.68	1.87	104.17	-.64	-.05		.04	.04	.026
901- 902	109- 1	0.0	-2.93	-29.75	24.73	-.21	.30	-.79	-.12	-.42		.03	.03	.020
		6.9	-2.93	-9.17	33.22	.01	.20	-.79	-.12	-.38		.02	.02	.019
		13.7	-2.93	5.80	25.39	.24	.12	-.79	-.12	-.26		.03	.03	.015
		20.6	-2.93	10.57	-6.18	.49	.05	-.79	-.12	-.13		.04	.04	.011
		27.4	-2.93	12.54	-56.89	.75	.00	-.79	-.12	-.64		.07	.07	.027
901- 904	109- 1	0.0	-2.63	-44.72	19.24	-.27	.43	-.05	-.11	-.53		.04	.04	.023
		6.9	-2.64	-14.02	31.41	-.05	.52	-.05	-.11	-.38		.03	.03	.016
		13.7	-2.65	7.07	24.41	.20	.21	-.05	-.11	-.28		.02	.02	.015
		20.6	-2.61	20.35	-1.07	.43	.10	-.05	-.11	-.22		.04	.04	.013
		27.4	-2.57	23.97	-45.12	.64	-.01	-.05	-.11	-.56		.05	.05	.024
901-1001	JL9- 1	0.0	6.52	-49.16	-81.54	-.47	-.15	-45.74	.09	.12		.04	.04	.007
		8.1	4.85	-56.16	-45.85	-.27	.01	-45.74	.07	.09		.04	.04	.005
		16.2	3.14	-45.77	-27.25	-.12	.20	-45.74	.04	.07		.04	.04	.004
		24.3	1.46	-15.48	-21.35	-.02	.43	-45.74	.02	.03		.04	.04	.002
		32.4	-.21	39.48	-19.76	-.03	.71	-45.74	-.00	-.06		.05	.05	.002
901-1002	180- 1	0.0	.74	12.56	-43.81	-.71	-.12	.70	.03	.39		.06	.06	.013
		10.6	.91	-.85	26.27	-.38	-.09	.70	.03	.22		.03	.03	.008
		21.1	1.08	-9.45	51.07	.00	-.05	.70	.04	.44		.01	.01	.015
		31.7	1.26	-11.12	22.92	.46	.04	.70	.05	.22		.04	.04	.008
		42.2	1.43	2.90	-69.84	1.02	.20	.70	.05	.60		.08	.08	.021
901-1004	180- 1	0.0	-4.04	-52.53	-53.99	-.79	.66	.06	-.15	-.64		.08	.08	.027
		10.6	-3.92	11.23	24.20	-.43	.33	.06	-.14	-.23		.04	.04	.014
		21.1	-3.78	32.51	52.77	-.02	.00	.06	-.14	-.53		.00	.00	.023
		31.7	-3.64	12.50	28.25	.40	-.32	.06	-.13	-.26		.04	.04	.014
		42.2	-3.51	-48.81	-49.41	.82	-.65	.06	-.13	-.59		.08	.08	.024
902- 903	109- 1	0.0	-1.84	12.09	-36.46	-.65	-.02	.86	-.08	-.44		.06	.06	.018
		6.9	-1.84	8.40	4.11	-.38	-.06	.86	-.08	-.11		.04	.04	.008
		13.7	-1.84	2.52	24.15	-.11	-.10	.86	-.08	-.27		.02	.02	.013
		20.6	-1.84	-7.04	21.64	.17	-.14	.86	-.08	-.25		.02	.02	.012
		27.4	-1.84	-20.98	-3.43	.44	-.18	.86	-.08	-.23		.04	.04	.012
902- 904	109- 1	0.0	-.17	-1.49	1.04	.00	.01	-.39	-.01	-.06		.01	.01	.003
		6.9	-.17	-.59	.74	.00	.01	-.39	-.01	-.03		.01	.01	.002
		13.7	-.17	.32	.44	.00	.01	-.39	-.01	-.02		.01	.01	.001
		20.6	-.17	1.22	.13	.00	.01	-.39	-.01	-.04		.01	.01	.002
		27.4	-.17	2.13	-.17	.00	.01	-.39	-.01	-.07		.01	.01	.003

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905 I09- 1		0.0	-1.68	-.61	-19.46	-.39	.01	.27	-.14	-.65		.07	.07	.028
		6.9	-1.64	-.16	5.75	-.18	.01	.27	-.14	-.13		.03	.03	.011
		13.7	-1.61	.48	10.72	.01	.01	.27	-.14	-.36		.01	.01	.018
		20.6	-1.59	1.13	2.67	.18	.01	.27	-.13	-.10		.04	.04	.010
		27.4	-1.56	1.77	-19.19	.34	.01	.27	-.13	-.64		.06	.06	.027
903- 905 I04- 1		0.0	-6.00	-29.65	-32.69	-.16	.25	-.43	-.25	-.46		.03	.03	.029
		6.9	-6.00	-11.00	-19.30	-.16	.21	-.43	-.25	-.24		.02	.02	.021
		13.7	-6.00	4.26	-5.90	-.16	.17	-.43	-.25	-.08		.02	.02	.016
		20.6	-6.00	15.68	7.49	-.16	.11	-.43	-.25	-.19		.02	.02	.020
		27.4	-6.00	20.69	20.88	-.16	.01	-.43	-.25	-.32		.02	.02	.024
903-1002 I80- 1		0.0	-3.58	-56.41	84.70	1.12	.66	-1.40	-.13	-.87		.10	.10	.033
		10.6	-3.44	7.11	-23.10	.58	.34	-1.40	-.13	-.21		.05	.05	.012
		21.1	-3.30	29.19	-61.76	.03	.01	-1.40	-.12	-.58		.01	.01	.024
		31.7	-3.17	9.84	-31.20	-.52	-.32	-1.40	-.12	-.28		.05	.05	.014
		42.2	-3.03	-50.69	72.36	-1.13	-.64	-1.40	-.11	-.76		.10	.10	.029
903-1003 JL9- 1		0.0	4.39	-84.84	4.13	-.66	-.95	37.89	.06	.11		.06	.06	.006
		8.1	2.68	-149.48	55.71	-.59	-.36	37.89	.04	.20		.04	.04	.008
		16.2	1.00	-150.77	77.60	-.05	.36	37.89	.01	.22		.03	.03	.007
		24.3	-.68	-76.02	63.50	.35	1.20	37.89	-.01	-.13		.06	.06	.004
		32.4	-2.36	67.69	7.10	.82	2.19	37.69	-.03	-.11		.09	.09	.005
903-1005 I80- 1		0.0	-6.53	-103.52	-28.44	-.17	1.28	1.30	-.24	-.92		.10	.10	.040
		10.6	-6.38	18.41	-10.60	-.11	.65	1.30	-.23	-.18		.05	.05	.016
		21.1	-6.22	60.65	-.51	-.05	.02	1.30	-.23	-.52		.01	.01	.026
		31.7	-6.07	23.18	1.83	.01	-.61	1.30	-.22	-.20		.05	.05	.016
		42.2	-5.91	-94.01	-3.56	.07	-1.24	1.30	-.22	-.80		.10	.10	.035
904- 905 I09- 1		0.0	1.63	.04	-18.62	-.32	-.00	.05	.14	.62		.05	.05	.024
		6.9	1.63	-.14	1.87	-.17	-.00	.05	.14	.06		.03	.03	.007
		13.7	1.63	-.32	9.67	-.01	-.00	.05	.14	.32		.00	.00	.015
		20.6	1.63	-.50	3.37	.17	-.00	.05	.14	.11		.03	.03	.008
		27.4	1.63	-.67	-18.44	.37	-.00	.05	.14	.62		.06	.06	.024
904- 906 I69- 1		0.0	-3.75	25.32	-26.67	-.48	.00	1.60	-.15	-.40		.05	.05	.021
		6.9	-3.71	21.03	2.53	-.25	-.11	1.60	-.15	-.23		.03	.03	.016
		13.7	-3.68	7.72	15.47	-.06	-.22	1.60	-.15	-.19		.03	.03	.014
		20.6	-3.65	-14.62	13.38	.11	-.33	1.60	-.15	-.22		.04	.04	.015
		27.4	-3.64	-45.98	-2.52	.27	-.44	1.60	-.15	-.50		.05	.05	.024
905- 906 I69- 1		0.0	-8.21	22.39	-16.74	-.13	.02	-1.27	-.34	-.31		.02	.02	.028
		6.9	-8.21	19.52	-6.26	-.13	-.09	-1.27	-.34	-.22		.02	.02	.026
		13.7	-8.21	7.65	4.22	-.13	-.20	-1.27	-.34	-.10		.03	.03	.022
		20.6	-8.21	-13.29	14.71	-.13	-.31	-1.27	-.34	-.22		.03	.03	.026
		27.4	-8.21	-45.23	25.19	-.13	-.42	-1.27	-.34	-.55		.04	.04	.036

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	100- 1	0.0	1.58	-5.53	66.32	.73	.14	-3.20	.06	.57		.07	.07	.020
		10.6	1.77	6.17	-7.67	.44	.04	-3.20	.06	.08		.05	.05	.005
		21.1	1.95	5.53	-43.66	.12	-.05	-3.20	.07	.38		.02	.02	.014
		31.7	2.09	-2.67	-33.00	-.30	-.07	-3.20	.08	.28		.04	.04	.012
		42.2	2.20	-10.40	35.14	-.78	-.04	-3.20	.08	.31		.07	.07	.013
906-1005	100- 1	0.0	3.78	36.15	-33.55	-.20	-.27	3.28	.14	.42		.04	.04	.018
		10.6	3.92	5.57	-11.84	-.14	-.23	3.28	.14	.11		.03	.03	.008
		21.1	4.07	-18.44	3.65	-.10	-.10	3.28	.15	.16		.02	.02	.010
		31.7	4.22	-18.35	13.51	-.05	.11	3.28	.15	.19		.02	.02	.011
		42.2	4.35	12.00	14.83	.03	.39	3.28	.16	.17		.04	.04	.011
906-1006	JL9- 1	0.0	9.44	151.15	88.45	1.32	-2.45	29.27	.13	.22		.10	.10	.012
		8.1	7.73	-35.92	-12.64	.75	-1.41	29.27	.11	.05		.06	.06	.005
		16.2	6.03	-121.24	-58.46	.19	-.32	29.27	.09	.17		.03	.03	.008
		24.3	4.33	-90.59	-49.67	-.36	.79	29.27	.06	.14		.04	.04	.007
		32.4	2.64	31.67	10.43	-.67	1.84	29.27	.04	.04		.08	.08	.003
1010- 910	PS- 1	0.0	-222.67	-379.05	-468.57	-1.61	-.77	-134.75	-.75	-.22		.04	.04	.035
		8.1	-215.87	-397.40	-511.89	-1.61	.39	-134.75	-.73	-.18		.04	.04	.033
		16.2	-209.08	-302.28	-155.21	-1.61	1.56	-134.75	-.71	-.12		.04	.04	.030
		24.3	-201.89	-93.89	1.47	-1.61	2.73	-134.75	-.68	-.03		.05	.05	.027
		32.4	-194.70	228.54	158.15	-1.61	3.89	-134.75	-.66	-.10		.05	.05	.028
1011- 911	PS- 1	0.0	-260.59	-1289.67	253.05	.66	1.62	107.53	-.68	-.47		.03	.03	.048
		8.1	-253.80	-1075.46	149.03	.66	2.78	107.53	-.86	-.39		.04	.04	.044
		16.2	-246.81	-747.78	65.00	.66	3.95	107.53	-.83	-.27		.05	.05	.040
		24.3	-239.82	-306.63	-19.03	.66	5.12	107.53	-.81	-.11		.05	.05	.034
		32.4	-232.83	247.99	-103.06	.66	6.28	107.53	-.79	-.10		.06	.06	.032
1012- 912	PS- 1	0.0	-169.22	706.16	173.63	.68	-3.91	98.28	-.64	-.26		.04	.04	.032
		8.1	-162.23	382.48	107.14	.68	-2.74	98.28	-.62	-.14		.04	.04	.028
		16.2	-175.24	172.35	40.64	.68	-1.58	98.28	-.59	-.06		.03	.03	.024
		24.3	-168.24	75.79	-25.86	.68	-.41	98.28	-.57	-.03		.02	.02	.022
		32.4	-161.25	92.78	-92.36	.68	.76	98.28	-.55	-.05		.02	.02	.022
1001-1002	200- 1	0.0	3.14	-6.49	23.13	-.52	.10	18.18	.08	.13		.08	.08	.007
		8.0	3.14	-.55	55.86	-.11	.02	18.18	.08	.30		.06	.06	.012
		16.0	3.14	-2.31	44.16	.32	-.06	18.18	.08	.25		.07	.07	.011
		24.0	3.14	-11.77	-7.88	.77	-.14	18.18	.08	.08		.09	.09	.005
		32.0	3.14	-26.93	-104.19	1.24	-.22	18.18	.08	.61		.12	.12	.022
1001-1004	200- 1	0.0	1.13	-23.93	18.00	-.60	.25	22.93	.03	.17		.10	.10	.006
		8.0	1.12	-4.09	55.60	-.15	.17	22.93	.03	.30		.08	.08	.011
		16.0	1.12	8.04	46.93	.28	.09	22.93	.03	.27		.08	.08	.009
		24.0	1.13	12.46	.63	.68	.01	22.93	.03	.07		.10	.10	.003
		32.0	1.15	9.21	-82.67	1.05	-.07	22.93	.03	.47		.12	.12	.016

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 16

DATE 08/27/76

U.S. NAVY - ACNH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	9.46	19.65	-60.21	-1.06	.01	-14.15	.25	.35		.10	.10	.020
		8.0	9.46	10.64	18.41	-.57	-.07	-14.15	.25	.14		.07	.07	.013
		16.0	9.46	5.74	48.92	-.06	-.15	-14.15	.25	.28		.05	.05	.017
		24.0	9.46	-12.86	29.37	.47	-.23	-14.15	.25	.18		.07	.07	.014
		32.0	9.46	-39.15	-42.14	1.02	-.31	-14.15	.25	.32		.10	.10	.019
1002-1004	140- 1	0.0	-.52	-44.18	1.22	.00	.38	2.79	-.03	-.83		.07	.07	.028
		8.0	-.52	-12.80	1.09	.00	.27	2.79	-.03	-.24		.06	.06	.009
		16.0	-.52	7.79	.96	.00	.16	2.79	-.03	-.15		.05	.05	.006
		24.0	-.52	17.80	.82	.00	.05	2.79	-.03	-.33		.03	.03	.012
		32.0	-.52	16.63	.69	.00	-.07	2.79	-.03	-.31		.03	.03	.011
1002-1005	140- 1	0.0	-4.87	-32.84	-43.01	-.71	.31	-1.68	-.30	-1.02		.11	.11	.045
		8.0	-4.85	-8.01	6.01	-.55	.20	-1.68	-.30	-.21		.07	.07	.020
		16.0	-4.82	6.04	24.66	.01	.09	-1.68	-.30	-.48		.03	.03	.028
		24.0	-4.80	9.32	6.93	.36	-.02	-1.68	-.30	-.22		.06	.06	.020
		32.0	-4.78	1.01	-45.17	.72	-.13	-1.68	-.30	-.85		.11	.11	.040
1003-1005	200- 1	0.0	6.49	-55.75	-58.76	-.27	.42	-6.87	.17	.45		.05	.05	.020
		8.0	6.49	-19.37	-32.98	-.27	.34	-6.87	.17	.21		.04	.04	.013
		16.0	6.49	9.32	-7.20	-.27	.26	-6.87	.17	.07		.04	.04	.008
		24.0	6.49	30.30	18.58	-.27	.18	-6.87	.17	.20		.04	.04	.012
		32.0	6.49	45.58	44.37	-.27	.10	-6.87	.17	.35		.03	.03	.017
1004-1005	140- 1	0.0	4.95	4.28	-42.30	-.65	.15	-.65	.31	.80		.09	.09	.036
		8.0	4.95	13.41	4.91	-.55	.04	-.65	.31	.27		.05	.05	.019
		16.0	4.95	11.75	21.52	-.01	-.07	-.65	.31	.46		.02	.02	.025
		24.0	4.95	-.68	6.93	.31	-.19	-.65	.31	.13		.05	.05	.015
		32.0	4.95	-23.69	-38.25	.65	-.30	-.65	.31	.85		.09	.09	.037
1004-1006	200- 1	0.0	-6.33	-23.44	-46.61	-.73	.21	-24.63	-.17	-.29		.11	.11	.018
		8.0	-6.32	-7.58	7.04	-.59	.12	-24.63	-.17	-.06		.09	.09	.011
		16.0	-6.31	.58	27.97	-.05	.04	-24.63	-.17	-.16		.07	.07	.014
		24.0	-6.31	1.04	17.86	.26	-.04	-24.63	-.17	-.10		.08	.08	.012
		32.0	-6.33	-6.21	-21.62	.56	-.12	-24.63	-.17	-.13		.10	.10	.013
1005-1006	200- 1	0.0	-7.45	-50.57	-35.18	-.20	.29	4.44	-.20	-.34		.03	.03	.021
		8.0	-7.45	-26.18	-15.84	-.20	.21	4.44	-.20	-.17		.03	.03	.016
		16.0	-7.45	-9.50	3.50	-.20	.13	4.44	-.20	-.06		.03	.03	.012
		24.0	-7.45	-.51	22.64	-.20	.05	4.44	-.20	-.13		.02	.02	.014
		32.0	-7.45	.78	42.18	-.20	-.03	4.44	-.20	-.24		.02	.02	.018

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102	W16- 1	0.0	-4.39	401.55	2.86	.02	-7.04	.01	-.27	4.50	.27	.00	1.09	.163
		3.6	-4.39	132.41	1.79	.02	-5.32	.01	-.27	1.49	.17	.00	.83	.064
		7.3	-4.39	-51.61	.71	.02	-3.60	.01	-.27	-.69	.07	.00	.56	.036
		10.9	-4.39	-180.75	-.36	.02	-1.88	.01	-.27	-2.03	-.04	.00	.29	.077
		14.5	-4.39	-224.95	-1.47	.02	-.16	.01	-.27	-2.52	-.14	.00	.02	.096
101- 104	W16- 1	0.0	-4.24	401.02	2.22	.02	-7.05	-.01	-.26	4.50	.21	.00	1.09	.160
		3.6	-4.24	132.02	1.52	.02	-5.33	-.01	-.26	1.48	.14	.00	.83	.063
		7.2	-4.24	-52.14	.43	.02	-3.60	-.01	-.26	-.70	.08	.00	.56	.036
		10.9	-4.24	-181.47	.13	.02	-1.88	-.01	-.26	-2.04	.01	.00	.29	.076
		14.5	-4.24	-225.96	-.56	.02	-.16	-.01	-.26	-2.54	-.05	.00	.03	.093
101- 201	DAL- 1	0.0	-19.09	-347.25	601.94	6.50	3.71	5.10	-.21	-1.09		.17	.17	.042
		3.8	-20.25	-140.41	309.67	6.50	3.71	5.10	-.22	-.56		.17	.17	.026
		7.5	-21.42	13.57	17.39	6.50	3.71	5.10	-.24	-.03		.17	.17	.010
		11.3	-22.58	155.27	-274.88	6.50	3.71	5.10	-.25	-.49		.17	.17	.025
		15.0	-23.74	320.11	-567.10	6.50	3.71	5.10	-.26	-1.02		.17	.17	.042
102- 103	W16- 1	0.0	-4.38	-224.61	-1.32	-.02	.19	-.01	-.27	-2.52	-.12	.00	.03	.095
		3.6	-4.38	-178.98	-.46	-.02	1.91	-.01	-.27	-2.01	-.04	.00	.30	.076
		7.3	-4.38	-58.25	.40	-.02	3.64	-.01	-.27	-.65	.04	.00	.56	.033
		10.9	-4.38	157.39	1.27	-.02	5.36	-.01	-.27	1.54	.12	.00	.83	.064
		14.5	-4.38	407.93	2.13	-.02	7.08	-.01	-.27	4.58	.20	.00	1.10	.163
102- 104	W08- 1	0.0	-.02	.15	-.18	-.00	-.17	.00	-.00	.01	-.03	.00	.09	.002
		3.6	-.02	-5.55	-.06	-.00	-.09	.00	-.00	-.27	-.01	.00	.04	.009
		7.2	-.02	-7.44	.05	-.00	-.00	.00	-.00	-.36	.01	.00	.00	.012
		10.9	-.02	-5.56	.17	-.00	.09	.00	-.00	-.27	.03	.00	.04	.010
		14.5	-.02	.10	.28	-.00	.17	.00	-.00	.00	.05	.00	.09	.002
102- 105	W08- 1	0.0	-.03	-.12	.03	.00	-.17	.00	-.00	-.01	.01	.00	.09	.001
		3.6	-.03	-5.60	-.01	.00	-.09	.00	-.00	-.28	-.00	.00	.04	.009
		7.2	-.03	-7.69	-.05	.00	-.00	.00	-.00	-.37	-.01	.00	.00	.012
		10.9	-.03	-5.80	-.08	.00	.09	.00	-.00	-.28	-.02	.00	.04	.010
		14.5	-.03	-.14	-.12	.00	.17	.00	-.00	-.01	-.02	.00	.09	.001
103- 105	W16- 1	0.0	-6.14	406.18	-1.41	-.01	-7.06	.02	-.38	4.56	-.13	.00	1.10	.164
		3.6	-6.14	136.62	-.96	-.01	-5.33	.02	-.38	1.54	-.09	.00	.83	.068
		7.2	-6.14	-57.70	-.50	-.01	-3.61	.02	-.38	-.65	-.05	.00	.56	.038
		10.9	-6.14	-177.39	-.05	-.01	-1.89	.02	-.38	-1.99	-.00	.00	.29	.079
		14.5	-6.14	-222.24	.41	-.01	-.17	.02	-.38	-2.49	.04	.00	.03	.096
103- 203	DAL- 1	0.0	-19.14	-351.72	-611.12	-7.44	5.34	-3.54	-.21	-1.10		.20	.20	.042
		3.8	-20.30	-111.34	-276.10	-7.44	5.34	-3.54	-.22	-.47		.20	.20	.025
		7.5	-21.46	126.93	58.91	-7.44	5.34	-3.54	-.24	-.22		.20	.20	.016
		11.3	-22.62	369.25	395.93	-7.44	5.34	-3.54	-.25	-.84		.20	.20	.036
		15.0	-23.79	609.58	728.94	-7.44	5.34	-3.54	-.26	-1.49		.20	.20	.056

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 W06- 1		0.0	.04	-.16	-.19	-.00	-.17	-.00	.01	-.01	-.03	.00	.09	.002
		3.6	.04	-5.77	-.15	-.00	-.09	-.00	.01	-.28	-.03	.00	.04	.010
		7.3	.04	-7.61	-.10	-.00	.00	-.00	.01	-.37	-.02	.00	.00	.012
		10.9	.04	-5.65	-.06	-.00	.09	-.00	.01	-.27	-.01	.00	.05	.009
		14.5	.04	.08	-.01	-.00	.18	-.00	.01	.00	-.00	.00	.09	.000
104- 106 W16- 1		0.0	-4.28	-225.83	-.09	.00	.18	.02	-.26	-2.53	-.01	.00	.03	.091
		3.6	-4.28	-180.40	-.14	.00	1.91	.02	-.26	-2.02	-.01	.00	.30	.075
		7.3	-4.28	-60.04	-.19	.00	3.63	.02	-.26	-.67	-.02	.00	.56	.033
		10.9	-4.28	135.25	-.23	.00	5.35	.02	-.26	1.52	-.02	.00	.83	.060
		14.5	-4.28	411.60	-.28	.00	12.07	.02	-.26	4.62	-.03	.00	1.87	.158
105- 106 W16- 1		0.0	-6.17	-222.35	.27	.00	.18	-.01	-.38	-2.50	.03	.00	.03	.096
		3.6	-6.17	-177.14	.15	.00	1.90	-.01	-.38	-1.99	.01	.00	.30	.079
		7.3	-6.17	-57.01	.04	.00	3.62	-.01	-.38	-.64	.00	.00	.56	.036
		10.9	-6.17	136.04	-.08	.00	5.34	-.01	-.38	1.55	-.01	.00	.83	.065
		14.5	-6.17	408.02	-.20	.00	7.07	-.01	-.38	4.58	-.02	.00	1.10	.161
106- 206 DKL- 1		0.0	-20.00	760.60	-27.23	.79	-9.39	3.88	-.22	-1.19		.21	.21	.046
		3.8	-21.16	556.10	-62.87	.79	-9.39	3.88	-.23	-.54		.21	.21	.025
		7.5	-22.33	-84.40	-98.52	.79	-9.39	3.88	-.25	-.20		.21	.21	.015
		11.3	-23.49	-506.90	-134.17	.79	-9.39	3.88	-.26	-.82		.21	.21	.035
		15.0	-24.65	-929.39	-169.81	.79	-9.39	3.88	-.27	-1.48		.21	.21	.056
201- 202 W16- 1		0.0	2.33	586.09	2.61	.02	-10.13	.05	.14	6.58	.24	.00	1.57	.221
		3.6	2.33	199.49	1.66	.02	-7.65	.05	.14	2.24	.16	.00	1.19	.081
		7.3	2.33	-79.10	.75	.02	-5.16	.05	.14	-.89	.07	.00	.80	.036
		10.9	2.33	-249.67	-.16	.02	-2.68	.05	.14	-2.80	-.02	.00	.42	.094
		14.5	2.33	-312.23	-1.11	.02	-.20	.05	.14	-3.50	-.10	.00	.03	.119
201- 204 W16- 1		0.0	3.11	583.20	2.66	.02	-10.11	-.05	.19	6.54	.25	.00	1.57	.222
		3.6	3.11	197.62	1.76	.02	-7.63	-.05	.19	2.22	.16	.00	1.19	.083
		7.2	3.11	-80.05	.80	.02	-5.14	-.05	.19	-.90	.08	.00	.80	.038
		10.9	3.11	-249.76	-.04	.02	-2.66	-.05	.19	-2.80	-.00	.00	.42	.095
		14.5	3.11	-311.57	-.94	.02	-.18	-.05	.19	-3.50	-.09	.00	.03	.120
201- 301 DKL- 1		0.0	-51.61	-232.50	392.69	2.04	1.40	25.35	-.57	-.71		.07	.07	.043
		3.8	-52.77	-169.65	300.66	2.04	1.40	25.35	-.58	-.54		.07	.07	.038
		7.5	-53.93	-106.75	208.67	2.04	1.40	25.35	-.59	-.37		.07	.07	.033
		11.3	-55.09	-43.87	116.66	2.04	1.40	25.35	-.60	-.19		.07	.07	.028
		15.0	-56.26	19.00	24.65	2.04	1.40	25.35	-.62	-.05		.07	.07	.024
201- 303 120- 1		0.0	1.26	50.50	5.20	.01	-.89	-4.25	.07	.90		.13	.13	.031
		8.2	1.01	-13.89	3.99	.01	-.42	-4.25	.05	.25		.08	.08	.010
		16.3	.77	-52.12	2.78	.01	.05	-4.25	.04	.57		.04	.04	.019
		24.5	.52	-4.20	1.58	.01	.52	-4.25	.03	.08		.09	.09	.003
		32.6	.26	64.69	.37	.01	.99	-4.25	.01	1.23		.14	.14	.039

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
202- 203 W18- 1		0.0	2.33	-525.56	-.93	-.02	.22	-.05	.14	-3.63	-.09	.00	.03	.123
		5.6	2.33	-260.04	-.26	-.02	2.70	-.05	.14	-2.92	-.02	.00	.42	.098
		7.3	2.33	-88.50	.40	-.02	5.18	-.05	.14	-.99	.04	.00	.81	.038
		10.9	2.33	191.05	1.07	-.02	7.67	-.05	.14	2.14	.10	.00	1.19	.076
		14.5	2.33	570.62	1.74	-.02	10.15	-.05	.14	6.49	.16	.00	1.58	.216
202- 204 W08- 1		0.0	-.02	-11.65	-.19	-.00	-.17	.00	-.00	-.54	-.03	.00	.09	.018
		5.6	-.02	-10.94	-.07	-.00	-.09	.00	-.00	-.41	-.01	.00	.05	.026
		7.2	-.02	-10.65	.05	-.00	-.00	.00	-.00	-.91	.01	.00	.00	.029
		10.9	-.02	-10.99	.17	-.00	.09	.00	-.00	-.82	.03	.00	.04	.027
		14.5	-.02	-11.34	.29	-.00	.17	.00	-.00	-.54	.05	.00	.09	.019
202- 205 W08- 1		0.0	-.02	11.37	.01	.00	-.24	-.02	-.00	.55	.00	.00	.13	.018
		5.6	-.02	2.00	-.02	.00	-.15	-.02	-.00	.13	-.00	.00	.08	.005
		7.2	-.02	-2.00	-.05	.00	-.07	-.02	-.00	-.10	-.01	.00	.04	.004
		10.9	-.02	-3.01	-.07	.00	.02	-.02	-.00	-.14	-.01	.01	.02	.005
		14.5	-.02	-.25	-.10	.00	.11	-.02	-.00	-.01	-.02	.01	.06	.001
203- 205 W10- 1		0.0	1.82	1294.45	-1.74	-.01	-22.63	-.07	.11	14.53	-.16	.00	3.51	.468
		5.6	1.82	432.89	-1.13	-.01	-17.00	-.07	.11	4.86	-.10	.00	2.64	.161
		7.2	1.82	-185.69	-.51	-.01	-11.36	-.07	.11	-2.06	-.05	.00	1.77	.071
		10.9	1.82	-555.27	.11	-.01	-5.75	-.07	.11	-6.23	.01	.00	.89	.201
		14.5	1.82	-881.87	.73	-.01	-.09	-.07	.11	-7.65	.07	.00	.02	.248
203- 303 DRL- 1		0.0	-64.66	-550.45	-516.49	-3.58	2.78	-13.82	-.71	-1.18		.11	.11	.063
		5.8	-65.82	-425.40	-355.50	-3.58	2.78	-13.82	-.72	-.87		.11	.11	.054
		7.5	-66.98	-300.36	-194.51	-3.58	2.78	-13.82	-.74	-.56		.11	.11	.044
		11.3	-68.15	-175.32	-33.52	-3.58	2.78	-13.82	-.75	-.26		.11	.11	.036
		15.0	-69.31	-50.28	127.47	-3.58	2.78	-13.82	-.76	-.21		.11	.11	.034
203- 306 120- 1		0.0	1.78	43.52	-7.52	-.05	-.87	.65	.09	.78		.10	.10	.028
		8.2	1.55	-16.76	-4.66	-.05	-.40	.65	.08	.34		.05	.05	.014
		16.3	1.29	-34.90	-2.04	-.05	.07	.65	.07	.62		.01	.01	.022
		24.5	1.04	-4.89	.60	-.05	.54	.65	.05	.09		.06	.06	.005
		32.6	.80	71.26	3.24	-.05	1.01	.65	.04	1.26		.11	.11	.041
204- 205 W06- 1		0.0	.05	11.35	-.20	-.00	-.24	.02	.01	.55	-.03	.00	.12	.019
		5.6	.05	2.78	-.15	-.00	-.15	.02	.01	.13	-.03	.00	.08	.006
		7.3	.05	-1.99	-.10	-.00	-.07	.02	.01	-.10	-.02	.00	.04	.004
		10.9	.05	-2.99	-.05	-.00	.02	.02	.01	-.14	-.01	.01	.02	.005
		14.5	.05	-.19	.00	-.00	.11	.02	.01	-.01	.00	.01	.06	.001
204- 206 W18- 1		0.0	3.08	-322.93	-.85	-.00	.23	.05	.19	-3.62	-.04	.00	.04	.123
		5.6	3.08	-250.77	-.33	-.00	2.72	.05	.19	-2.90	-.03	.00	.42	.049
		7.3	3.08	-86.56	-.21	-.00	5.20	.05	.19	-.97	-.02	.00	.81	.038
		10.9	3.08	193.69	-.10	-.00	7.68	.05	.19	2.17	-.01	.00	1.19	.076
		14.5	3.08	589.98	.02	-.00	10.17	.05	.19	6.42	.00	.00	2.59	.216

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 A16- 1		0.0	1.79	-681.89	.63	.01	.12	.07	.11	-7.65	.06	.00	.02	.248
		5.6	1.79	-554.03	.52	.01	5.76	.07	.11	-6.22	.03	.00	.90	.201
		7.3	1.79	-180.84	-.00	.01	11.40	.07	.11	-2.03	-.00	.00	1.77	.068
		10.9	1.79	437.55	-.32	.01	17.03	.07	.11	4.91	-.03	.00	2.65	.160
		14.5	1.79	1301.26	-.63	.01	22.67	.07	.11	14.60	-.06	.00	3.52	.467
206- 301 120- 1		0.0	-1.12	47.37	2.43	.04	-.88	-1.56	-.00	-.04		.10	.10	.029
		8.2	-1.36	-15.35	-1.06	.04	-.40	-1.56	-.07	-.27		.06	.06	.012
		16.3	-1.61	-31.08	-4.54	.04	.07	-1.56	-.08	-.57		.02	.02	.022
		24.5	-1.85	-2.29	-8.03	.04	.54	-1.56	-.10	-.15		.07	.07	.009
		32.6	-2.10	73.45	-11.51	.04	1.01	-1.56	-.11	-1.31		.12	.12	.046
206- 306 DRL- 1		0.0	-64.25	749.43	161.95	.77	-6.40	7.36	-.71	-1.20		.15	.15	.063
		3.8	-65.41	461.56	127.24	.77	-6.40	7.36	-.72	-.75		.15	.15	.050
		7.5	-66.58	173.68	92.54	.77	-6.40	7.36	-.73	-.31		.15	.15	.036
		11.3	-67.74	-114.20	57.83	.77	-6.40	7.36	-.74	-.20		.15	.15	.033
		15.0	-68.90	-402.08	23.13	.77	-6.40	7.36	-.76	-.63		.15	.15	.047
301- 303 123- 1		0.0	.27	60.54	9.55	.02	-.96	-1.44	.01	1.08		.11	.11	.035
		7.3	.27	-2.02	7.85	.02	-.49	-1.44	.01	.15		.06	.06	.005
		14.5	.27	-24.78	6.15	.02	-.02	-1.44	.01	.45		.02	.02	.015
		21.7	.27	-5.95	4.46	.02	.45	-1.44	.01	.13		.06	.06	.005
		29.0	.27	55.68	2.76	.02	.92	-1.44	.01	.95		.11	.11	.031
301- 306 123- 1		0.0	3.69	81.92	14.62	.06	-.98	-.83	.19	1.12		.11	.11	.042
		7.2	3.69	-2.81	8.99	.06	-.51	-.83	.19	.17		.06	.06	.012
		14.5	3.69	-26.55	3.55	.06	-.04	-.83	.19	.47		.02	.02	.022
		21.7	3.69	-4.31	-2.26	.06	.43	-.83	.19	.17		.05	.05	.012
		29.0	3.69	46.92	-7.92	.06	.91	-.83	.19	.87		.10	.10	.034
301- 401 DRL- 1		0.0	-59.95	-87.42	243.51	2.05	-.53	61.60	-.66	-.40		.09	.09	.038
		7.1	-62.16	-132.48	67.85	2.05	-.53	61.60	-.68	-.23		.09	.09	.033
		14.2	-64.36	-177.53	-107.81	2.05	-.53	61.60	-.71	-.32		.09	.09	.037
		21.4	-66.57	-222.58	-283.47	2.05	-.53	61.60	-.73	-.56		.09	.09	.046
		28.5	-68.78	-267.64	-459.14	2.05	-.53	61.60	-.75	-.83		.09	.09	.055
303- 306 123- 1		0.0	3.38	64.65	-8.77	-.03	-.99	.09	.18	1.15		.10	.10	.043
		7.2	3.38	-.58	-5.76	-.03	-.52	.09	.18	.10		.05	.05	.009
		14.5	3.38	-25.01	-2.80	-.03	-.05	.09	.18	.44		.01	.01	.020
		21.7	3.38	-8.46	.16	-.03	.43	.09	.18	.15		.05	.05	.011
		29.0	3.38	49.08	3.17	-.03	.90	.09	.18	.87		.09	.09	.033
303- 403 DRL- 1		0.0	-71.97	-111.44	-28.82	-.09	-.16	-27.64	-.79	-.18		.04	.04	.036
		7.1	-74.18	-125.43	46.86	-.09	-.16	-27.64	-.81	-.21		.04	.04	.038
		14.2	-76.39	-139.42	122.57	-.09	-.16	-27.64	-.84	-.29		.04	.04	.041
		21.4	-78.60	-153.41	198.27	-.09	-.16	-27.64	-.86	-.39		.04	.04	.045
		28.5	-80.81	-167.40	273.97	-.09	-.16	-27.64	-.89	-.50		.04	.04	.050

STRAN MEMBER DETAIL REPORT

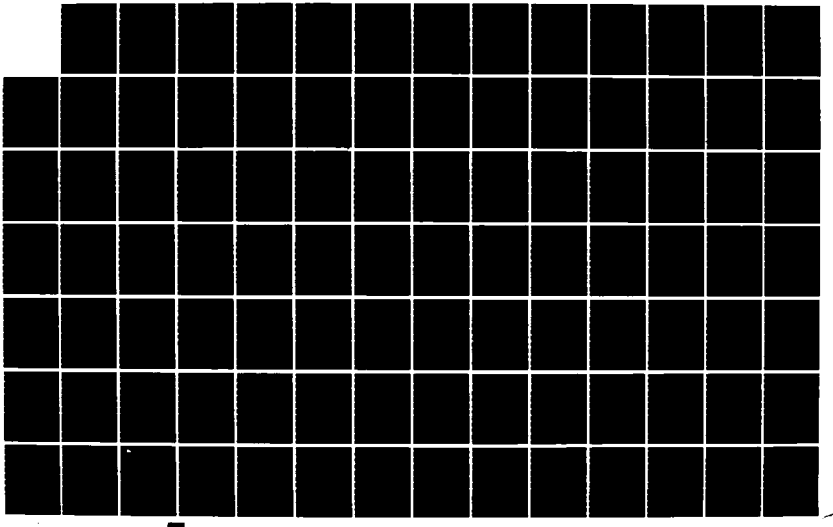
LOAD CONDITION NO. 17

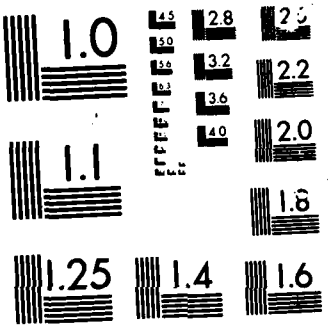
U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DRL- 1	0.0	-71.24	-257.00	60.00	.54	.68	9.54	-.78	-.41		.02	.02	.043
		7.1	-73.45	-196.80	30.93	.54	.68	9.54	-.81	-.31		.02	.02	.041
		14.2	-75.65	-140.60	1.87	.54	.68	9.54	-.83	-.22		.02	.02	.039
		21.4	-77.86	-82.40	-27.20	.54	.68	9.54	-.85	-.14		.02	.02	.037
		28.5	-80.07	-24.20	-56.27	.54	.68	9.54	-.88	-.10		.02	.02	.036
401- 501	JL4- 1	0.0	79.21	-133.97	-745.64	4.67	1.14	-65.06	.31	.27		.05	.05	.019
		1.1	78.23	-117.26	-607.54	4.67	1.30	-65.06	.31	.29		.05	.05	.020
		2.3	77.26	-98.32	-471.44	4.67	1.46	-65.06	.30	.31		.05	.05	.020
		3.4	76.29	-77.16	-335.33	4.67	1.63	-65.06	.30	.33		.05	.05	.021
		4.6	75.32	-53.76	-449.23	4.67	1.79	-65.06	.30	.35		.05	.05	.021
401- 510	PI- 1	0.0	-147.30	-127.53	1169.97	-6.16	8.67	201.76	-.67	-.56		.14	.14	.041
		1.1	-148.15	-7.41	1279.47	-6.16	8.81	201.76	-.67	-.60		.14	.14	.042
		2.3	-148.99	114.44	1388.98	-6.16	8.95	201.76	-.67	-.64		.15	.15	.044
		3.4	-149.84	236.28	1443.48	-6.16	9.10	201.76	-.68	-.68		.15	.15	.045
		4.6	-150.69	363.93	1527.98	-6.16	9.24	201.76	-.68	-.73		.15	.15	.047
403- 503	JL4- 1	0.0	70.55	-74.70	873.13	-4.88	2.09	110.72	.28	.31		.06	.06	.019
		1.1	69.58	-45.00	959.94	-4.88	2.25	110.72	.27	.33		.06	.06	.020
		2.3	68.59	-13.06	1006.75	-4.88	2.41	110.72	.27	.35		.06	.06	.021
		3.4	67.61	21.10	1073.56	-4.88	2.58	110.72	.27	.38		.06	.06	.021
		4.6	66.64	57.49	1140.37	-4.88	2.74	110.72	.26	.40		.06	.06	.022
403- 511	PI- 1	0.0	-153.08	-16.94	-1115.45	6.22	9.68	-184.95	-.69	-.52		.15	.15	.041
		1.1	-153.93	114.66	-1200.80	6.22	9.82	-184.95	-.70	-.56		.15	.15	.042
		2.3	-154.76	250.00	-1286.16	6.22	9.97	-184.95	-.70	-.61		.15	.15	.044
		3.4	-155.62	386.27	-1371.51	6.22	10.11	-184.95	-.70	-.67		.15	.15	.046
		4.6	-156.47	527.69	-1456.86	6.22	10.25	-184.95	-.71	-.72		.15	.15	.048
406- 506	JL4- 1	0.0	13.15	-531.16	-19.53	.38	20.03	-7.66	.05	.19		.16	.16	.008
		1.1	12.17	-295.88	-24.69	.38	20.19	-7.66	.05	.09		.16	.16	.005
		2.3	11.20	-61.02	-29.85	.38	20.36	-7.66	.04	.01		.16	.16	.002
		3.4	10.23	301.33	-35.00	.38	20.52	-7.66	.04	.11		.16	.16	.005
		4.6	9.26	583.27	-40.16	.38	20.68	-7.66	.04	.21		.16	.16	.008
406- 512	PI- 1	0.0	-92.02	506.96	-37.53	-.04	-6.23	7.83	-.42	-.24		.06	.06	.022
		1.1	-92.86	422.47	-37.03	-.04	-6.09	7.83	-.42	-.20		.06	.06	.021
		2.3	-93.71	339.92	-36.52	-.04	-5.95	7.83	-.42	-.16		.06	.06	.020
		3.4	-94.56	259.30	-36.02	-.04	-5.81	7.83	-.43	-.12		.05	.05	.019
		4.6	-95.41	180.62	-35.51	-.04	-5.67	7.83	-.43	-.09		.05	.05	.018
501- 502	165- 1	0.0	-16.26	123.61	89.95	.73	-1.97	13.46	-.54	-1.37		.20	.20	.066
		3.8	-16.26	92.90	56.92	.73	-1.58	13.46	-.54	-.64		.18	.18	.043
		7.6	-16.26	-20.07	23.89	.73	-1.19	13.46	-.54	-.28		.15	.15	.031
		11.4	-16.26	-55.32	-9.14	.73	-.80	13.46	-.54	-.59		.13	.13	.041
		15.1	-16.26	-92.63	-42.17	.73	-.41	13.46	-.54	-.91		.12	.12	.051

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 8/11

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMH PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504 105- 1		0.0	5.89	185.05	70.33	.42	-2.22	3.07	.19	1.78		.16	.16	.063
		3.8	5.89	93.05	51.33	.42	-1.85	3.07	.19	.96		.14	.14	.037
		7.6	5.89	19.36	32.32	.42	-1.44	3.07	.19	.34		.11	.11	.017
		11.4	5.89	-37.20	13.32	.42	-1.05	3.07	.19	.35		.09	.09	.018
		15.1	5.89	-76.05	-5.69	.42	-.66	3.07	.19	.58		.07	.07	.028
501- 601 JL5- 1		0.0	62.34	210.40	-1016.45	-4.58	-1.53	-49.80	.44	.65		.08	.08	.036
		1.5	61.61	185.61	-932.53	-4.58	-1.41	-49.80	.43	.60		.08	.08	.034
		3.0	60.88	159.03	-849.20	-4.58	-1.29	-49.80	.43	.54		.08	.08	.032
		4.6	60.15	136.05	-765.58	-4.58	-1.17	-49.80	.42	.49		.08	.08	.030
		6.1	59.42	110.48	-681.95	-4.58	-1.05	-49.80	.42	.43		.08	.08	.028
501- 622 200- 1		0.0	3.27	92.08	40.36	.01	-1.65	-9.24	.09	.56		.11	.11	.021
		5.1	2.89	7.13	39.93	.01	-1.12	-9.24	.08	.23		.08	.08	.010
		10.2	2.50	-45.22	39.50	.01	-.59	-9.24	.07	.34		.06	.06	.013
		15.3	2.11	-64.96	39.07	.01	-.06	-9.24	.06	.42		.03	.03	.015
		20.4	1.73	-52.10	38.63	.01	.48	-9.24	.05	.36		.05	.05	.013
502- 503 105- 1		0.0	-18.50	-92.33	-44.59	-.77	.31	-14.66	-.55	-.92		.12	.12	.052
		3.8	-18.50	-64.28	-9.73	-.77	.70	-14.66	-.55	-.63		.13	.13	.043
		7.6	-18.50	-26.50	25.14	-.77	1.09	-14.66	-.55	-.34		.15	.15	.033
		11.4	-18.50	30.00	60.00	-.77	1.48	-14.66	-.55	-.60		.18	.18	.042
		15.1	-18.50	106.24	94.87	-.77	1.87	-14.66	-.55	-1.28		.20	.20	.063
502- 504 105- 1		0.0	-1.08	14.26	-.92	-.03	-.36	-3.43	-.09	-.48		.12	.12	.019
		3.8	-1.08	1.41	.30	-.03	-.21	-3.43	-.09	-.05		.09	.09	.005
		7.6	-1.08	-4.55	1.52	-.03	-.06	-3.43	-.09	-.16		.07	.07	.009
		11.4	-1.08	-3.03	2.73	-.03	.10	-3.43	-.09	-.15		.07	.07	.008
		15.2	-1.08	4.18	3.95	-.03	.25	-3.43	-.09	-.19		.10	.10	.010
502- 505 105- 1		0.0	-.61	14.00	3.34	.04	-.36	3.85	-.05	-.48		.13	.13	.017
		3.8	-.61	.90	1.66	.04	-.21	3.85	-.05	-.06		.10	.10	.004
		7.6	-.61	-5.51	-.02	.04	-.06	3.85	-.05	-.18		.08	.08	.008
		11.4	-.61	-4.63	-1.70	.04	.09	3.85	-.05	-.16		.08	.08	.007
		15.2	-.61	2.94	-3.38	.04	.24	3.85	-.05	-.15		.11	.11	.007
503- 505 105- 1		0.0	-20.26	174.56	-75.69	-.55	-2.18	-5.42	-.67	-1.74		.17	.17	.083
		3.8	-20.26	84.38	-50.47	-.55	-1.79	-5.42	-.67	-.92		.15	.15	.057
		7.6	-20.26	16.93	-25.25	-.55	-1.40	-5.42	-.67	-.27		.12	.12	.036
		11.4	-20.26	-37.80	-.03	-.55	-1.01	-5.42	-.67	-.34		.10	.10	.039
		15.1	-20.26	-74.81	25.18	-.55	-.62	-5.42	-.67	-.71		.08	.08	.050
503- 603 JL5- 1		0.0	38.88	351.10	967.55	3.93	-2.21	46.35	.27	.66		.08	.08	.030
		1.5	38.16	311.93	915.86	3.93	-2.09	46.35	.27	.61		.08	.08	.028
		3.0	37.43	274.96	864.17	3.93	-1.97	46.35	.26	.56		.08	.08	.027
		4.6	36.70	240.20	772.49	3.93	-1.84	46.35	.26	.51		.08	.08	.025
		6.1	35.97	207.64	700.80	3.93	-1.72	46.35	.25	.46		.07	.07	.023

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	28.09	167.49	-74.41	-.20	-1.86	-3.45	.74	1.03		.11	.11	.058
		5.1	27.70	70.47	-62.51	-.20	-1.53	-3.45	.73	.53		.08	.08	.042
		10.1	27.31	5.41	-50.61	-.20	-.41	-3.45	.72	.26		.05	.05	.034
		15.2	26.93	-27.68	-38.70	-.20	-.28	-3.45	.71	.27		.03	.03	.033
		20.3	26.54	-26.81	-26.80	-.20	.24	-3.45	.70	.22		.03	.03	.031
504- 505	105- 1	0.0	1.47	1.75	-3.49	-.02	-.31	-.31	.12	.13		.06	.06	.008
		5.8	1.47	-6.99	-2.51	-.02	-.16	-.31	.12	.31		.03	.03	.014
		7.6	1.47	-12.81	-1.53	-.02	-.01	-.31	.12	.43		.01	.01	.018
		11.4	1.47	-9.74	-.55	-.02	.14	-.31	.12	.33		.03	.03	.015
		15.2	1.47	.25	.43	-.02	.29	-.31	.12	.02		.05	.05	.005
504- 506	105- 1	0.0	4.57	-71.58	1.76	.07	-.10	6.59	.15	.64		.04	.04	.025
		5.8	4.57	-67.28	-1.51	.07	.29	6.59	.15	.60		.05	.05	.024
		7.6	4.57	-45.25	-4.76	.07	.66	6.59	.15	.41		.07	.07	.018
		11.4	4.57	-5.48	-8.04	.07	1.07	6.59	.15	.09		.10	.10	.008
		15.2	4.57	52.02	-11.51	.07	1.46	6.59	.15	.48		.13	.13	.020
505- 506	105- 1	0.0	-21.31	-70.38	22.23	.20	-.08	-6.04	-.71	-.66		.04	.04	.050
		5.8	-21.31	-65.25	12.99	.20	.31	-6.04	-.71	-.60		.05	.05	.048
		7.6	-21.31	-42.39	3.76	.20	.70	-6.04	-.71	-.38		.08	.08	.041
		11.4	-21.31	-1.79	-5.48	.20	1.09	-6.04	-.71	-.05		.10	.10	.031
		15.2	-21.31	58.55	-14.72	.20	1.48	-6.04	-.71	-.52		.13	.13	.046
506- 606	JL5- 1	0.0	15.92	731.40	-60.75	-.05	-2.51	22.22	.11	.46		.04	.04	.018
		1.5	15.19	686.62	-59.92	-.05	-2.39	22.22	.11	.43		.04	.04	.017
		3.0	14.46	644.09	-59.10	-.05	-2.27	22.22	.10	.41		.04	.04	.016
		4.6	13.73	603.79	-58.27	-.05	-2.15	22.22	.10	.38		.04	.04	.015
		6.1	13.01	565.74	-57.44	-.05	-2.02	22.22	.09	.36		.04	.04	.014
506- 624	200- 1	0.0	-29.85	61.07	25.55	.18	-1.52	6.89	-.78	-.37		.10	.10	.041
		5.1	-30.21	-15.22	14.42	.18	-.99	6.89	-.79	-.12		.07	.07	.033
		10.1	-30.60	-59.58	3.32	.18	-.47	6.89	-.80	-.33		.05	.05	.041
		15.2	-30.99	-72.03	-7.79	.18	.06	6.89	-.81	-.41		.03	.03	.043
		20.2	-31.38	-52.55	-18.89	.18	.58	6.89	-.82	-.31		.05	.05	.041
510- 710	P1- 1	0.0	-150.69	554.26	1530.46	-6.06	6.65	386.52	-.68	-.73		.17	.17	.048
		6.3	-155.39	889.40	1491.52	-6.06	7.43	386.52	-.70	-1.02		.18	.18	.058
		12.7	-160.49	-727.34	-1341.46	-1.33	5.52	-197.62	-.73	-.71		.10	.10	.049
		19.0	-164.58	-252.03	-1240.32	-1.33	6.20	-197.62	-.74	-.59		.10	.10	.046
		25.3	-168.67	215.07	-1139.17	-1.33	6.88	-197.62	-.76	-.54		.11	.11	.045
511- 711	P1- 1	0.0	-156.47	516.03	-1460.57	6.12	5.56	-379.91	-.71	-.72		.16	.16	.049
		6.3	-161.17	970.99	-1425.99	6.12	6.34	-379.91	-.73	-1.01		.17	.17	.058
		12.7	-166.27	-720.51	1402.03	1.39	4.43	204.23	-.75	-.74		.09	.09	.051
		19.0	-170.36	-365.97	1296.12	1.39	5.11	204.23	-.77	-.63		.10	.10	.048
		25.3	-174.45	48.36	1190.21	1.39	5.79	204.23	-.79	-.56		.10	.10	.046

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	PI- 1	0.0	-95.39	180.62	-35.50	-.04	-19.36	17.50	-.45	-.09		.18	.18	.018
		6.3	-100.09	-1261.47	-32.70	-.04	-18.57	17.50	-.45	-.59		.17	.17	.035
		12.7	-103.84	1785.60	-29.89	-.04	-12.41	17.50	-.47	-.84		.12	.12	.044
		19.0	-107.93	867.72	-27.08	-.04	-11.73	17.50	-.49	-.41		.11	.11	.031
		25.3	-112.02	1.68	-24.27	-.04	-11.05	17.50	-.51	-.01		.10	.10	.019
601- 621	JL6- 1	0.0	49.46	5.80	-909.20	-4.37	-.82	-22.88	.35	.57		.07	.07	.030
		1.5	48.73	-8.01	-829.37	-4.37	-.70	-22.88	.34	.52		.07	.07	.028
		3.0	48.00	-19.66	-749.54	-4.37	-.58	-22.88	.34	.47		.07	.07	.027
		4.6	47.26	-29.08	-669.70	-4.37	-.46	-22.88	.33	.42		.07	.07	.025
		6.1	46.55	-36.26	-589.87	-4.37	-.33	-22.88	.33	.37		.07	.07	.023
603- 623	JL6- 1	0.0	26.10	98.85	923.21	3.72	-1.49	16.93	.18	.56		.06	.06	.025
		1.5	25.37	72.33	855.34	3.72	-1.37	16.93	.18	.54		.06	.06	.023
		3.0	24.64	46.84	787.47	3.72	-1.25	16.93	.17	.50		.06	.06	.022
		4.6	23.91	20.98	719.60	3.72	-1.13	16.93	.17	.45		.06	.06	.020
		6.1	23.18	-.53	651.73	3.72	-1.00	16.93	.16	.41		.06	.06	.019
606- 626	JL6- 1	0.0	13.01	565.74	-57.57	-.05	-1.98	22.41	.09	.36		.03	.03	.014
		1.5	12.28	550.84	-56.55	-.05	-1.86	22.41	.09	.34		.03	.03	.014
		3.0	11.55	497.62	-55.72	-.05	-1.74	22.41	.08	.31		.03	.03	.013
		4.6	10.83	467.10	-54.90	-.05	-1.62	22.41	.08	.30		.03	.03	.012
		6.1	10.10	456.69	-54.07	-.05	-1.50	22.41	.07	.28		.03	.03	.011
621- 651	JL6- 1	0.0	46.55	-59.21	-589.72	-4.34	-.25	-22.02	.33	.37		.07	.07	.023
		1.5	45.92	-42.75	-510.56	-4.34	-.14	-22.02	.32	.32		.07	.07	.021
		3.0	45.28	-46.38	-431.44	-4.34	-.04	-22.02	.32	.27		.07	.07	.020
		4.6	44.65	-44.08	-352.30	-4.34	.07	-22.02	.31	.22		.07	.07	.018
		6.1	44.02	-41.87	-275.16	-4.34	.17	-22.02	.31	.17		.07	.07	.016
622- 703	200- 1	0.0	1.72	-52.12	38.49	.00	.50	-9.74	.05	.36		.05	.05	.013
		5.4	1.75	-21.16	38.17	.00	.45	-9.74	.05	.24		.05	.05	.009
		10.9	1.79	6.95	37.85	.00	.41	-9.74	.05	.22		.05	.05	.008
		16.3	1.82	32.02	37.24	.04	.34	-9.74	.05	.27		.05	.05	.010
		21.8	1.87	49.74	29.02	.21	.21	-9.74	.05	.32		.04	.04	.012
623- 653	JL6- 1	0.0	23.19	4.30	651.79	3.70	-.95	16.02	.16	.41		.06	.06	.019
		1.5	22.55	-12.14	584.19	3.70	-.85	16.02	.16	.37		.06	.06	.017
		3.0	21.92	-26.66	516.60	3.70	-.74	16.02	.15	.32		.06	.06	.016
		4.6	21.28	-39.27	449.01	3.70	-.64	16.02	.15	.28		.06	.06	.014
		6.1	20.65	-49.95	381.42	3.70	-.53	16.02	.14	.24		.06	.06	.013
624- 701	200- 1	0.0	-31.38	-52.55	-18.90	.19	.59	6.87	-.82	-.31		.05	.05	.041
		5.5	-31.34	-14.95	-31.53	.19	.55	6.87	-.82	-.19		.05	.05	.037
		11.0	-31.31	19.75	-43.75	.19	.51	6.87	-.82	-.27		.05	.05	.040
		16.5	-31.28	51.52	-55.42	.16	.46	6.87	-.82	-.43		.04	.04	.044
		21.9	-31.26	79.90	-62.50	.04	.41	6.87	-.82	-.57		.04	.04	.049

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706 200- 1		0.0	26.54	-26.80	-26.81	-.21	.25	-5.46	.70	.22		.03	.03	.031
		5.5	26.57	-13.55	-12.97	-.21	.21	-5.46	.70	.10		.03	.03	.028
		11.0	26.61	-1.21	.86	-.21	.17	-5.46	.70	.01		.02	.02	.025
		16.4	26.64	7.27	14.97	-.23	.05	-5.46	.70	.09		.02	.02	.027
		21.9	26.70	2.02	31.69	-.26	-.19	-5.46	.70	.16		.03	.03	.030
625- 650 JL0- 1		0.0	10.09	458.69	-54.11	-.05	-1.52	22.32	.07	.28		.03	.03	.011
		1.5	9.46	411.97	-53.28	-.05	-1.41	22.32	.07	.26		.03	.03	.011
		3.0	8.83	367.18	-52.46	-.05	-1.31	22.32	.06	.25		.03	.03	.010
		4.5	8.19	324.32	-51.63	-.05	-1.20	22.32	.06	.23		.02	.02	.009
		6.1	7.56	283.39	-50.81	-.05	-1.09	22.32	.05	.22		.02	.02	.009
651- 701 JL0- 1		0.0	40.90	-92.05	-451.96	-5.09	-.07	31.05	.29	.29		.09	.09	.019
		1.8	40.10	-92.23	-526.52	-5.09	.05	31.05	.28	.21		.09	.09	.016
		3.5	39.42	-89.84	-201.27	-5.09	.15	31.05	.28	.14		.09	.09	.014
		5.3	38.69	-86.12	-75.90	-5.09	.19	31.05	.27	.07		.09	.09	.012
		7.1	37.95	-81.58	49.37	-5.08	.23	31.05	.27	.06		.09	.09	.011
653- 703 JL0- 1		0.0	16.51	-100.16	565.69	5.17	-.63	-30.23	.12	.36		.08	.08	.015
		1.8	15.77	-118.30	455.80	5.17	-.51	-30.23	.11	.30		.08	.08	.013
		3.5	15.03	-127.66	345.50	5.17	-.41	-30.23	.11	.23		.08	.08	.011
		5.3	14.29	-130.09	235.38	5.17	-.31	-30.23	.10	.17		.08	.08	.009
		7.1	13.55	-145.50	125.56	5.16	-.33	-30.23	.09	.12		.08	.08	.007
656- 706 JL0- 1		0.0	7.56	343.39	-50.82	-.05	-1.10	22.30	.05	.22		.02	.02	.009
		1.8	8.42	321.34	-49.85	-.05	-.97	22.30	.05	.20		.02	.02	.008
		3.5	6.08	302.15	-48.89	-.05	-.82	22.30	.04	.19		.02	.02	.008
		5.3	5.34	284.75	-47.93	-.05	-.63	22.30	.04	.18		.02	.02	.007
		7.1	4.60	275.37	-46.96	-.05	-.44	22.30	.03	.18		.01	.01	.007
701- 702 137- 1		0.0	.70	-4.80	26.48	.04	.05	-.35	.04	.47		.01	.01	.016
		4.7	.70	-2.06	21.83	.13	.05	-.35	.04	.39		.02	.02	.013
		9.4	.70	.41	11.90	.22	.04	-.35	.04	.21		.03	.03	.008
		14.1	.70	2.62	-5.31	.32	.04	-.35	.04	.07		.04	.04	.004
		18.8	.70	4.57	-23.80	.41	.03	-.35	.04	.43		.05	.05	.015
701- 704 137- 1		0.0	6.84	-4.23	27.43	.07	.07	1.45	.36	.49		.02	.02	.028
		4.7	6.83	-.57	21.92	.13	.06	1.45	.35	.39		.03	.03	.025
		9.4	6.81	2.02	12.81	.19	.06	1.45	.35	.23		.03	.03	.020
		14.1	6.79	5.95	.10	.26	.05	1.45	.35	.10		.04	.04	.016
		18.8	6.77	8.81	-16.22	.32	.05	1.45	.35	.35		.05	.05	.023
701- 801 JL7- 1		0.0	15.35	-97.93	-.63	.22	.49	4.96	.22	.12		.02	.02	.011
		7.1	13.90	-57.14	-20.14	.24	.47	4.96	.20	.08		.02	.02	.009
		14.2	12.41	-17.54	-41.04	.25	.46	4.96	.18	.06		.02	.02	.008
		21.3	10.91	21.93	-65.15	.26	.46	4.96	.15	.06		.02	.02	.006
		28.4	9.42	64.73	-85.56	.26	.54	4.96	.13	.14		.02	.02	.009

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 5 AND 6 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 606	200- 1	0.0	3.84	-87.74	36.84	-.08	1.00	-7.51	.10	.53		.07	.07	.020
		12.5	3.93	23.10	40.22	.03	.47	-7.51	.10	.26		.05	.05	.012
		25.1	4.00	56.42	26.78	.15	-.03	-7.51	.11	.35		.03	.03	.015
		37.6	4.05	16.14	-3.66	.26	-.50	-7.51	.11	.09		.05	.05	.007
		50.2	4.08	-93.05	-51.12	.37	-.95	-7.51	.11	.60		.07	.07	.023
702- 703	137- 1	0.0	.62	4.60	-25.96	-.44	-.04	.36	.03	.47		.05	.05	.016
		4.7	.62	2.31	-3.70	-.35	-.04	.36	.03	.08		.04	.04	.004
		9.4	.62	-.25	13.29	-.26	-.05	.36	.03	.23		.03	.03	.009
		14.1	.62	-3.06	25.01	-.16	-.05	.36	.03	.44		.02	.02	.015
		18.8	.62	-6.15	31.44	-.07	-.06	.36	.03	.56		.01	.01	.019
702- 704	107- 1	0.0	-.62	-.70	4.09	.11	.04	-.50	-.05	-.14		.03	.03	.007
		4.7	-.63	1.17	-.12	.04	.03	-.50	-.05	-.04		.02	.02	.004
		9.4	-.63	2.56	-1.06	-.01	.01	-.50	-.05	-.09		.01	.01	.005
		14.1	-.62	2.28	.94	-.06	-.02	-.50	-.05	-.08		.02	.02	.005
		18.8	-.61	.19	5.56	-.10	-.06	-.50	-.05	-.19		.03	.03	.008
702- 705	107- 1	0.0	-.48	-.71	-1.91	-.10	.04	.53	-.04	-.07		.03	.03	.004
		4.7	-.50	1.17	1.74	-.03	.03	.53	-.04	-.07		.02	.02	.004
		9.4	-.50	2.39	2.11	.02	.01	.53	-.04	-.11		.01	.01	.005
		14.1	-.49	2.29	-.45	.07	-.02	.53	-.04	-.08		.02	.02	.004
		18.8	-.47	.21	-5.64	.11	-.06	.53	-.04	-.19		.03	.03	.008
703- 705	137- 1	0.0	-8.69	-4.50	-32.49	-.12	.07	-1.67	-.45	-.58		.03	.03	.041
		4.7	-8.71	-.84	-23.96	-.18	.06	-1.67	-.45	-.42		.04	.04	.036
		9.4	-8.72	2.56	-11.84	-.25	.06	-1.67	-.45	-.21		.04	.04	.029
		14.1	-8.74	5.70	5.89	-.31	.05	-1.67	-.45	-.12		.05	.05	.027
		18.8	-8.76	8.57	23.23	-.38	.05	-1.67	-.46	-.44		.06	.06	.037
703- 601	200- 1	0.0	-1.39	-60.92	45.05	.60	.68	13.71	-.04	-.45		.09	.09	.016
		12.5	-1.20	8.15	-45.85	.40	.32	13.71	-.03	-.26		.07	.07	.010
		25.1	-1.16	31.55	-74.46	-.05	-.01	13.71	-.03	-.45		.04	.04	.016
		37.6	-1.09	7.54	-56.08	-.49	-.31	13.71	-.03	-.21		.07	.07	.008
		50.2	-1.05	-60.58	74.00	-.98	-.59	13.71	-.05	-.53		.10	.10	.018
703- 603	JL7- 1	0.0	14.27	-202.57	156.95	.88	1.04	23.41	.20	.53		.05	.05	.017
		7.1	12.81	-115.08	82.49	.87	1.02	23.41	.18	.16		.05	.05	.012
		14.2	11.33	-28.82	9.41	.85	1.01	23.41	.16	.04		.05	.05	.007
		21.3	9.85	57.30	-62.46	.84	1.02	23.41	.14	.11		.05	.05	.008
		28.4	8.35	146.76	-134.05	.84	1.09	23.41	.12	.25		.05	.05	.012
704- 705	107- 1	0.0	1.13	-3.02	-8.84	-.20	.09	.02	.10	.31		.04	.04	.013
		4.7	1.13	.89	-.40	-.10	.05	.02	.10	.03		.02	.02	.006
		9.4	1.13	2.15	2.77	-.01	-.00	.02	.10	.12		.00	.00	.007
		14.1	1.13	.78	-.06	.08	-.05	.02	.10	.03		.02	.02	.004
		18.8	1.13	-5.25	-6.73	.18	-.09	.02	.10	.25		.03	.03	.011

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706 137- 1		0.0	5.85	10.85	-1.52	-.09	-.10	-1.26	.29	.19		.03	.03	.016
		4.7	5.83	4.91	1.24	-.02	-.11	-1.26	.29	.09		.02	.02	.013
		9.4	5.83	-1.27	1.05	.05	-.11	-1.26	.29	.03		.02	.02	.011
		14.1	5.84	-7.71	-2.15	.08	-.12	-1.26	.29	.14		.03	.03	.015
		18.8	5.86	-14.42	-7.91	.12	-.12	-1.26	.29	.29		.03	.03	.019
705- 706 137- 1		0.0	-9.81	10.77	10.80	.17	-.10	1.01	-.51	-.27		.03	.03	.034
		4.7	-9.82	4.76	5.18	.11	-.11	1.01	-.51	-.10		.02	.02	.029
		9.4	-9.83	-1.52	-1.22	.05	-.11	1.01	-.51	-.03		.02	.02	.027
		14.1	-9.82	-6.06	-2.67	.00	-.12	1.01	-.51	-.15		.02	.02	.030
		18.8	-9.80	-14.67	-1.51	-.04	-.12	1.01	-.51	-.26		.02	.02	.034
706- 803 200- 1		0.0	-4.89	-47.86	-53.81	-.40	.44	-7.83	-.13	-.40		.05	.05	.019
		12.5	-4.82	1.07	-1.50	-.28	.21	-7.83	-.13	-.01		.04	.04	.006
		25.1	-4.76	17.24	29.82	-.12	.01	-7.83	-.13	-.19		.03	.03	.012
		37.6	-4.72	6.56	52.66	.09	-.15	-7.83	-.12	-.19		.03	.03	.012
		50.2	-4.66	-25.40	.76	.34	-.27	-7.83	-.12	-.14		.05	.05	.010
706- 806 JL7- 1		0.0	24.89	214.14	-78.37	-.28	-1.51	-11.97	.35	.29		.05	.05	.021
		7.1	23.45	106.54	-54.46	-.28	-1.00	-11.97	.33	.15		.04	.04	.016
		14.2	21.98	46.82	-30.55	-.28	-.58	-11.97	.31	.07		.02	.02	.013
		21.3	20.52	44.75	-6.63	-.28	.35	-11.97	.29	.06		.02	.02	.012
		28.4	19.06	107.41	17.20	-.28	1.13	-11.97	.27	.14		.04	.04	.014
710- 810 P2- 1		0.0	-168.66	213.59	-1139.53	-1.38	-2.44	-34.76	-.67	-.48		.03	.03	.040
		7.1	-173.86	42.49	-1022.16	-1.38	-1.57	-34.76	-.69	-.43		.02	.02	.039
		14.2	-179.06	-54.79	-904.98	-1.38	-.71	-34.76	-.71	-.38		.02	.02	.038
		21.3	-184.26	-78.43	-787.81	-1.38	.15	-34.76	-.73	-.33		.02	.02	.037
		28.4	-189.46	-28.44	-670.63	-1.38	1.02	-34.76	-.75	-.28		.02	.02	.037
711- 811 P2- 1		0.0	-174.44	46.59	1190.19	1.44	-1.41	85.04	-.69	-.50		.03	.03	.041
		7.1	-179.64	-56.89	1067.71	1.44	-.55	85.04	-.71	-.45		.03	.03	.040
		14.2	-184.84	-46.74	945.23	1.44	.32	85.04	-.74	-.39		.03	.03	.040
		21.3	-190.04	17.03	822.75	1.44	1.18	85.04	-.76	-.34		.03	.03	.039
		28.4	-195.24	154.44	700.27	1.44	2.05	85.04	-.78	-.30		.04	.04	.036
712- 812 P2- 1		0.0	-112.03	1.68	-24.31	-.04	-1.26	-12.66	-.45	-.01		.01	.01	.017
		7.1	-117.23	-70.14	-21.17	-.04	-.41	-12.66	-.47	-.03		.01	.01	.018
		14.2	-122.43	-68.54	-18.03	-.04	.45	-12.66	-.49	-.03		.01	.01	.019
		21.3	-127.63	7.21	-14.86	-.04	1.32	-12.66	-.51	-.01		.01	.01	.019
		28.4	-132.84	156.48	-11.74	-.04	2.19	-12.66	-.53	-.07		.02	.02	.022
801- 802 146- 1		0.0	-.92	-11.38	25.24	-.12	.13	.07	-.04	-.40		.02	.02	.015
		5.7	-.92	-5.54	27.65	.05	.10	.07	-.04	-.40		.01	.01	.015
		11.4	-.92	1.47	18.56	.22	.06	.07	-.04	-.27		.02	.02	.011
		17.1	-.92	5.13	-2.59	.39	.03	.07	-.04	-.06		.04	.04	.005
		22.8	-.92	5.96	-35.25	.56	-.00	.07	-.04	-.52		.05	.05	.019

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
801- 804 148- 1		0.0	-3.65	-11.08	55.20	.06	.14	-.09	-.17	-.51		.01	.01	.025
		5.7	-3.67	-5.55	26.31	.14	.11	-.09	-.17	-.38		.02	.02	.021
		11.4	-3.69	2.68	14.10	.22	.07	-.09	-.17	-.21		.02	.02	.016
		17.1	-3.71	8.35	-3.42	.30	.04	-.09	-.17	-.10		.03	.03	.013
		22.8	-3.73	7.69	-26.27	.37	.00	-.09	-.18	-.40		.04	.04	.022
801- 901 JL6- 1		0.0	8.50	-95.46	-19.50	-.12	.28	-20.93	.12	.12		.03	.03	.008
		8.1	6.60	-62.73	-7.14	-.14	.39	-20.93	.09	.08		.03	.03	.006
		16.2	4.90	-18.24	9.58	-.21	.52	-20.93	.07	.03		.03	.03	.003
		24.3	3.21	40.65	34.33	-.31	.70	-20.93	.05	.07		.04	.04	.004
		32.4	1.54	120.24	71.29	-.46	.95	-20.93	.02	.16		.05	.05	.006
801- 903 200- 1		0.0	1.17	-71.02	-114.70	-1.19	.61	-12.09	.03	.75		.10	.10	.025
		14.9	1.23	10.50	44.83	-.59	.30	-12.09	.03	.26		.07	.07	.009
		29.8	1.29	33.42	96.53	.01	-.02	-12.09	.03	.58		.03	.03	.019
		44.7	1.33	8.29	39.19	.65	-.30	-12.09	.04	.22		.07	.07	.008
		59.6	1.34	-67.45	-141.29	1.37	-.52	-12.09	.04	.86		.11	.11	.029
802- 803 148- 1		0.0	-.87	8.00	-34.57	-.55	-.01	-.49	-.04	-.51		.06	.06	.018
		5.7	-.87	4.46	-3.00	-.38	-.04	-.49	-.04	-.06		.04	.04	.005
		11.4	-.87	.53	18.72	-.20	-.07	-.49	-.04	-.24		.02	.02	.010
		17.1	-.87	-5.75	24.44	-.03	-.11	-.49	-.04	-.37		.01	.01	.014
		22.8	-.87	-14.36	21.27	.14	-.14	-.49	-.04	-.37		.02	.02	.014
802- 804 108- 1		0.0	-.66	.24	6.12	.15	-.00	-.17	-.06	-.20		.03	.03	.009
		5.7	-.70	.22	-1.38	.07	-.00	-.17	-.06	-.05		.01	.01	.004
		11.4	-.73	.20	-3.58	-.01	-.00	-.17	-.06	-.12		.00	.00	.007
		17.1	-.75	.18	-.41	-.08	-.00	-.17	-.06	-.01		.02	.02	.003
		22.8	-.77	.16	8.00	-.16	-.00	-.17	-.06	-.27		.03	.03	.012
802- 805 108- 1		0.0	-.77	.16	-6.76	-.15	.00	.24	-.06	-.25		.03	.03	.010
		5.7	-.79	.27	.90	-.07	.00	.24	-.07	-.03		.02	.02	.004
		11.4	-.81	.38	5.26	.00	.00	.24	-.07	-.11		.00	.00	.007
		17.1	-.83	.48	.29	.08	.00	.24	-.07	-.02		.02	.02	.004
		22.8	-.85	.59	-8.00	.16	.00	.24	-.07	-.27		.03	.03	.012
803- 805 148- 1		0.0	-1.78	-10.14	-28.09	-.03	.13	-1.38	-.08	-.43		.02	.02	.018
		5.7	-1.78	-2.44	-23.38	-.11	.10	-1.38	-.08	-.34		.02	.02	.015
		11.4	-1.80	2.92	-13.34	-.19	.06	-1.38	-.08	-.20		.03	.03	.011
		17.1	-1.82	5.94	2.01	-.26	.03	-1.38	-.09	-.09		.03	.03	.007
		22.8	-1.84	8.03	22.69	-.34	-.01	-1.38	-.09	-.34		.04	.04	.015
803- 903 JL6- 1		0.0	5.46	-16.25	-55.75	-.38	-.02	8.68	.08	.07		.02	.02	.005
		8.1	3.76	-15.25	-20.11	-.35	.09	8.68	.05	.03		.02	.02	.003
		16.2	2.06	1.53	11.06	-.29	.22	8.68	.03	.01		.02	.02	.001
		24.3	.37	30.70	34.41	-.19	.39	8.68	.01	.06		.02	.02	.002
		32.4	-1.31	80.57	45.43	-.03	.64	8.68	-.02	-.12		.02	.02	.004

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906 200- 1		0.0	.15	-123.69	-6.88	.51	1.12	3.39	.00	.69		.07	.07	.022
		14.9	.28	22.47	-39.16	.06	.53	3.39	.01	.25		.04	.04	.008
		29.8	.43	66.90	-32.69	-.13	-.02	3.39	.01	.42		.02	.02	.014
		44.7	.56	10.77	5.76	-.27	-.55	3.39	.01	.10		.04	.04	.004
		59.6	.69	-120.72	61.24	-.56	-1.00	3.39	.02	.76		.07	.07	.025
804- 805 100- 1		0.0	1.42	.09	-10.59	-.25	-.00	.16	.12	.35		.04	.04	.015
		5.7	1.42	-.05	1.16	-.11	-.00	.16	.12	.04		.02	.02	.005
		11.4	1.42	-.15	4.92	.00	-.00	.16	.12	.16		.00	.00	.009
		17.1	1.42	-.28	.86	.12	-.00	.16	.12	.03		.02	.02	.005
		22.8	1.42	-.40	-10.96	.25	-.00	.16	.12	.37		.04	.04	.016
804- 806 148- 1		0.0	-5.16	7.73	-7.82	-.16	.00	-.03	-.24	-.16		.01	.01	.018
		5.7	-5.17	6.63	.27	-.08	-.03	-.03	-.24	-.10		.01	.01	.016
		11.4	-5.18	5.00	3.54	-.01	-.06	-.03	-.24	-.07		.01	.01	.015
		17.1	-5.17	-1.95	2.45	.05	-.10	-.03	-.24	-.05		.01	.01	.014
		22.8	-5.14	-9.89	-2.50	.10	-.15	-.03	-.24	-.15		.02	.02	.018
805- 806 148- 1		0.0	-3.32	7.47	3.73	.11	-.01	-1.51	-.16	-.12		.02	.02	.012
		5.7	-3.33	5.80	-1.27	.04	-.04	-1.51	-.16	-.09		.02	.02	.011
		11.4	-3.33	1.80	-1.43	-.05	-.06	-1.51	-.16	-.03		.02	.02	.009
		17.1	-3.32	-4.55	2.76	-.09	-.11	-1.51	-.16	-.06		.02	.02	.011
		22.8	-3.30	-15.23	10.81	-.14	-.14	-1.51	-.16	-.25		.03	.03	.016
806- 901 200- 1		0.0	-1.65	-20.52	68.91	.49	.56	6.42	-.04	-.41		.05	.05	.015
		14.9	-1.56	13.45	-4.81	.33	.11	6.42	-.04	-.08		.04	.04	.005
		29.8	-1.49	17.64	-43.35	.09	-.05	6.42	-.04	-.26		.02	.02	.010
		44.7	-1.41	2.03	-33.80	-.21	-.12	6.42	-.04	-.19		.03	.03	.008
		59.6	-1.34	-14.18	36.51	-.59	-.11	6.42	-.04	-.23		.05	.05	.009
806- 906 JL6- 1		0.0	21.76	-22.17	60.76	.13	-1.26	23.19	.51	.06		.05	.05	.013
		6.1	20.10	-97.40	48.02	.13	-.26	23.19	.28	.14		.02	.02	.014
		16.2	18.41	-69.28	35.27	.13	.86	23.19	.26	.10		.04	.04	.012
		24.3	16.75	74.17	22.51	.13	2.10	23.19	.24	.10		.07	.07	.011
		32.4	15.07	342.59	9.75	.13	3.42	23.19	.21	.44		.11	.11	.021
810- 910 P2- 1		0.0	-189.46	-27.70	-670.67	-1.34	-1.16	-79.19	-.75	-.28		.03	.03	.037
		8.1	-195.40	-92.41	-539.90	-1.34	-.17	-79.19	-.78	-.23		.03	.03	.036
		16.2	-201.34	-60.49	-409.15	-1.34	.82	-79.19	-.80	-.17		.03	.03	.035
		24.3	-207.29	68.05	-278.38	-1.34	1.82	-79.19	-.82	-.12		.03	.03	.035
		32.4	-213.23	293.22	-147.60	-1.34	2.81	-79.19	-.85	-.14		.04	.04	.036
811- 911 P2- 1		0.0	-195.24	155.25	700.01	1.41	-1.83	50.56	-.78	-.30		.03	.03	.038
		8.1	-201.18	25.84	563.09	1.41	-.84	50.56	-.80	-.23		.02	.02	.037
		16.2	-207.12	-7.55	426.17	1.41	.16	50.56	-.82	-.18		.02	.02	.036
		24.3	-213.07	56.34	289.26	1.41	1.15	50.56	-.85	-.12		.02	.02	.036
		32.4	-219.01	210.82	152.34	1.41	2.14	50.56	-.87	-.11		.03	.03	.036

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	P2- I	0.0	-132.83	156.48	-11.67	-.04	-2.23	45.22	-.53	-.07		.03	.03	.022
		8.1	-134.77	-12.25	-8.06	-.04	-1.24	45.22	-.55	-.01		.02	.02	.021
		16.2	-140.72	-84.44	-4.49	-.04	-.25	45.22	-.58	-.04		.01	.01	.023
		24.3	-150.66	-60.09	-.89	-.04	.75	45.22	-.60	-.03		.02	.02	.023
		32.4	-156.50	60.60	2.70	-.04	1.74	45.22	-.62	-.03		.02	.02	.024
901- 902 169- I		0.0	-1.40	-20.36	3.97	-.49	.18	-1.24	-.06	-.23		.05	.05	.010
		6.9	-1.40	-7.56	30.52	-.15	.14	-1.24	-.06	-.34		.02	.02	.014
		13.7	-1.40	1.65	28.87	.19	.09	-1.24	-.06	-.32		.02	.02	.013
		20.5	-1.40	7.85	-.97	.53	.05	-1.24	-.06	-.09		.05	.05	.006
		27.4	-1.40	10.53	-59.01	.85	.01	-1.24	-.06	-.66		.08	.08	.024
901- 904 169- I		0.0	-4.25	-36.04	25.64	-.11	.30	.19	-.17	-.48		.03	.03	.025
		6.9	-4.24	-12.92	28.07	.05	.25	.19	-.17	-.34		.02	.02	.020
		13.7	-4.23	5.40	17.92	.20	.19	.19	-.17	-.20		.02	.02	.016
		20.6	-4.22	17.52	-4.82	.35	.10	.19	-.17	-.20		.03	.03	.016
		27.4	-4.21	22.05	-40.14	.51	.00	.19	-.17	-.50		.04	.04	.025
901-1001 JL9- I		0.0	5.25	-70.63	-8.46	.58	-.37	-46.21	.07	.09		.05	.05	.005
		8.1	3.58	-91.92	-54.65	.36	-.06	-46.21	.05	.14		.04	.04	.006
		16.2	1.92	-81.13	-76.40	.07	.29	-46.21	.03	.14		.04	.04	.005
		24.3	.25	-33.36	-66.61	-.29	.71	-46.21	.00	.09		.05	.05	.003
		32.4	-1.44	60.25	-17.26	-.74	1.25	-46.21	-.02	-.08		.07	.07	.003
901-1002 180- I		0.0	-1.31	-16.22	-81.41	-1.11	.19	2.10	-.05	-.71		.09	.09	.025
		10.6	-1.11	1.25	26.19	-.59	.09	2.10	-.04	-.22		.05	.05	.009
		21.1	-.92	8.21	66.74	-.04	-.01	2.10	-.03	-.57		.01	.01	.020
		31.7	-.72	-.87	34.02	.57	-.10	2.10	-.03	-.29		.05	.05	.010
		42.2	-.52	-19.26	-81.94	1.27	-.19	2.10	-.02	-.72		.10	.10	.024
901-1004 180- I		0.0	-5.80	-75.64	-20.99	-.44	.94	-.15	-.21	-.67		.08	.08	.031
		10.6	-5.64	15.99	20.05	-.21	.48	-.15	-.21	-.21		.04	.04	.016
		21.1	-5.48	45.43	52.53	.02	.02	-.15	-.20	-.46		.00	.00	.024
		31.7	-5.32	16.44	15.79	.25	-.45	-.15	-.19	-.21		.04	.04	.015
		42.2	-5.20	-69.61	-31.13	.50	-.95	-.15	-.19	-.65		.08	.08	.029
902- 903 169- I		0.0	-1.40	10.58	-59.84	-.90	-.01	.89	-.06	-.66		.08	.08	.024
		6.9	-1.40	7.96	-.29	-.55	-.05	.89	-.06	-.09		.05	.05	.006
		13.7	-1.40	1.96	31.07	-.21	-.09	.89	-.06	-.34		.02	.02	.014
		20.5	-1.40	-7.42	34.23	.13	-.13	.89	-.06	-.36		.02	.02	.015
		27.4	-1.40	-20.19	9.20	.48	-.18	.89	-.06	-.24		.05	.05	.011
902- 904 109- I		0.0	-1.15	-1.41	10.46	.19	.01	-.37	-.10	-.35		.04	.04	.016
		6.9	-1.16	-.49	-1.24	.10	.01	-.37	-.10	-.04		.02	.02	.007
		13.7	-1.16	.43	-5.25	.00	.01	-.37	-.10	-.18		.01	.01	.011
		20.6	-1.21	1.36	-1.56	-.09	.01	-.37	-.10	-.07		.02	.02	.008
		27.4	-1.23	2.28	9.43	-.19	.01	-.37	-.10	-.34		.04	.04	.016

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
902- 905	109- 1	0.0	-1.15	-1.49	-9.65	-.18	.01	.39	-.09	-.55		.04	.04	.015
		6.9	-1.15	-.55	1.67	-.09	.01	.39	-.10	-.06		.02	.02	.007
		13.7	-1.18	.45	5.28	.00	.01	.39	-.10	-.18		.01	.01	.011
		20.6	-1.20	1.39	1.16	.10	.01	.39	-.10	-.06		.02	.02	.007
		27.4	-1.23	2.55	-10.61	.19	.01	.39	-.10	-.36		.04	.04	.017
903- 905	109- 1	0.0	-4.97	-35.11	-30.47	.09	.30	-.23	-.20	-.51		.03	.03	.028
		6.9	-4.96	-12.20	-51.72	-.07	.25	-.23	-.20	-.37		.02	.02	.023
		13.7	-4.95	5.42	-20.00	-.22	.19	-.23	-.20	-.25		.02	.02	.019
		20.6	-4.94	17.04	4.31	-.37	.10	-.23	-.20	-.20		.03	.03	.018
		27.4	-4.93	22.14	41.20	-.52	.00	-.23	-.20	-.51		.04	.04	.027
903-1002	109- 1	0.0	-1.69	-15.72	76.72	1.10	.19	-1.17	-.07	-.67		.09	.09	.024
		10.6	-1.70	1.48	-29.30	.57	.09	-1.17	-.06	-.25		.05	.05	.011
		21.1	-1.50	6.18	-64.29	.03	-.01	-1.17	-.05	-.59		.01	.01	.021
		31.7	-1.30	-1.16	-35.99	-.59	-.10	-1.17	-.05	-.29		.05	.05	.011
		42.2	-1.10	-19.61	83.54	-1.28	-.19	-1.17	-.04	-.73		.10	.10	.025
903-1003	109- 1	0.0	5.12	-99.05	16.24	-.55	-.29	49.67	.07	.13		.05	.05	.007
		5.1	5.46	-112.43	60.05	-.34	.02	49.67	.05	.16		.04	.04	.007
		10.2	1.79	-93.73	79.41	-.05	.57	49.67	.03	.16		.04	.04	.006
		24.3	.15	-30.06	67.24	.31	.79	49.67	.00	.10		.06	.06	.003
		32.4	-1.57	65.45	15.51	.76	1.31	49.67	-.02	-.06		.07	.07	.003
903-1005	109- 1	0.0	-5.17	-75.84	17.66	.43	.93	1.24	-.22	-.65		.06	.06	.030
		10.6	-5.01	15.21	-22.29	.20	.47	1.24	-.22	-.23		.04	.04	.017
		21.1	-5.43	45.87	-55.65	-.02	.01	1.24	-.21	-.49		.01	.01	.025
		31.7	-5.69	18.10	-16.21	-.25	-.45	1.24	-.21	-.21		.04	.04	.016
		42.2	-5.57	-70.73	31.61	-.51	-.96	1.24	-.20	-.66		.08	.08	.030
904- 905	109- 1	0.0	2.23	-.41	-21.93	-.41	.00	.01	.19	.73		.07	.07	.030
		6.9	2.23	-.40	5.27	-.20	.00	.01	.19	.11		.03	.03	.010
		13.7	2.23	-.39	11.54	.00	.00	.01	.19	.39		.00	.00	.019
		20.6	2.23	-.38	2.90	.21	.00	.01	.19	.10		.04	.04	.010
		27.4	2.23	-.37	-22.65	.41	.00	.01	.19	.76		.07	.07	.030
904- 906	109- 1	0.0	-6.45	25.69	-4.36	-.25	.01	1.61	-.27	-.27		.03	.03	.023
		6.9	-6.45	20.34	5.74	-.10	-.10	1.61	-.26	-.23		.02	.02	.022
		13.7	-6.45	7.96	8.48	.05	-.21	1.61	-.27	-.13		.03	.03	.019
		20.6	-6.47	-13.45	1.09	.15	-.32	1.61	-.27	-.15		.04	.04	.019
		27.4	-6.49	-45.86	-15.23	.25	-.42	1.61	-.27	-.51		.05	.05	.031
905- 906	109- 1	0.0	-7.19	23.65	7.93	.23	.01	-1.75	-.30	-.27		.03	.03	.025
		6.9	-7.18	20.34	-4.84	.08	-.10	-1.75	-.29	-.23		.02	.02	.024
		13.7	-7.19	7.81	-6.25	-.05	-.21	-1.75	-.30	-.11		.03	.03	.020
		20.6	-7.20	-13.74	2.48	-.16	-.32	-1.75	-.30	-.15		.04	.04	.021
		27.4	-7.22	-44.32	20.14	-.26	-.43	-1.75	-.30	-.53		.05	.05	.033

LOAD CONDITION NO. 17

U.S. NAVY - ALMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
905-1004 100- 1		0.0	3.17	19.28	57.66	.53	-.10	-3.23	.12	.52		.05	.05	.020
		10.6	3.29	4.56	.76	.36	-.12	-3.23	.12	.04		.04	.04	.005
		21.1	3.47	-8.29	-29.75	.12	-.07	-3.23	.13	.26		.02	.02	.013
		31.7	3.57	-18.98	-26.66	-.17	.04	-3.23	.13	.25		.03	.03	.012
		42.2	3.86	4.95	14.51	-.49	.22	-3.23	.14	.13		.05	.05	.009
905-1005 100- 1		0.0	3.54	19.31	-61.51	-.54	-.10	4.44	.13	.55		.06	.06	.022
		10.6	3.66	4.55	-5.26	-.36	-.12	4.44	.13	.05		.05	.05	.006
		21.1	3.84	-8.37	28.37	-.12	-.07	4.44	.14	.25		.03	.03	.013
		31.7	4.04	-11.12	26.43	.16	.04	4.44	.15	.25		.03	.03	.013
		42.2	4.23	4.74	-15.50	.48	.22	4.44	.15	.12		.06	.06	.009
905-1006 JCV- 1		0.0	9.67	213.55	-5.09	-.01	-5.24	.11	.14	.27		.09	.09	.013
		8.1	8.01	-35.78	-4.07	-.01	-1.87	.11	.11	.05		.05	.05	.005
		16.2	6.36	-150.05	-3.06	-.01	-.47	.11	.09	.19		.01	.01	.009
		24.3	4.72	-120.16	-2.04	-.01	.96	.11	.07	.16		.03	.03	.007
		32.4	3.07	30.46	-1.03	-.01	2.38	.11	.04	.05		.07	.07	.003
1010- 910 P3- 1		0.0	-241.19	-888.93	-391.51	-1.39	.70	-140.18	-.82	-.35		.04	.04	.042
		8.1	-234.20	-765.84	-256.49	-1.39	1.87	-140.18	-.79	-.29		.04	.04	.039
		16.2	-227.21	-524.89	-121.68	-1.39	3.04	-140.18	-.77	-.19		.05	.05	.035
		24.3	-220.21	-172.05	13.13	-1.39	4.20	-140.18	-.74	-.06		.06	.06	.030
		32.4	-213.22	293.06	147.94	-1.39	5.37	-140.18	-.72	-.12		.06	.06	.031
1011- 911 P3- 1		0.0	-246.97	-938.11	411.40	1.45	.63	140.85	-.84	-.37		.04	.04	.043
		8.1	-239.98	-819.66	270.39	1.45	1.80	140.85	-.81	-.31		.04	.04	.040
		16.2	-232.99	-587.78	129.38	1.45	2.97	140.85	-.79	-.22		.05	.05	.036
		24.3	-225.99	-242.40	-11.63	1.45	4.13	140.85	-.76	-.09		.06	.06	.031
		32.4	-219.00	216.45	-152.64	1.45	5.30	140.85	-.74	-.10		.06	.06	.031
1012- 912 P3- 1		0.0	-164.57	863.10	-17.03	-.04	-4.39	6.97	-.62	-.31		.03	.03	.033
		8.1	-177.57	492.18	-13.43	-.04	-3.23	6.97	-.60	-.18		.02	.02	.028
		16.2	-170.58	234.65	-9.84	-.04	-2.06	6.97	-.58	-.08		.02	.02	.024
		24.3	-163.59	91.03	-6.25	-.04	-.89	6.97	-.55	-.03		.01	.01	.022
		32.4	-156.60	60.80	-2.66	-.04	.27	6.97	-.53	-.02		.00	.00	.020
1001-1002 200- 1		0.0	7.30	-20.15	-15.34	-.91	.20	20.36	.19	.14		.11	.11	.011
		8.0	7.30	-4.87	45.43	-.35	.12	20.36	.19	.26		.08	.08	.015
		16.0	7.30	2.72	52.31	.21	.04	20.36	.19	.29		.07	.07	.016
		24.0	7.30	2.60	5.29	.77	-.04	20.36	.19	.03		.10	.10	.008
		32.0	7.30	-5.22	-95.62	1.33	-.12	20.36	.19	.54		.13	.13	.024
1001-1004 200- 1		0.0	3.84	-40.35	40.01	-.21	.34	16.19	.10	.32		.07	.07	.014
		8.0	3.83	-11.90	47.25	.06	.26	16.19	.10	.27		.06	.06	.012
		16.0	3.82	8.04	29.41	.31	.18	16.19	.10	.17		.06	.06	.009
		24.0	3.82	21.07	-10.87	.53	.10	16.19	.10	.14		.07	.07	.008
		32.0	3.43	27.20	-70.97	.72	.02	16.19	.10	.43		.08	.08	.017

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 17

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	GROUP AND SECT	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	7.67	-4.49	-96.64	-1.35	.11	-20.32	.20	.54		.13	.13	.024
		8.0	7.67	2.52	6.71	-.79	.03	-20.32	.20	.04		.10	.10	.008
		16.0	7.67	1.02	56.17	-.25	-.05	-20.32	.20	.31		.07	.07	.017
		24.0	7.67	-6.57	51.75	.33	-.15	-20.32	.20	.29		.08	.08	.016
		32.0	7.67	-22.66	-6.60	.09	-.21	-20.32	.20	.13		.10	.10	.011
1002-1004	140- 1	0.0	-3.14	-43.51	22.55	.36	.37	2.93	-.20	-.92		.09	.09	.038
		8.0	-3.13	-13.17	-3.20	.18	.20	2.93	-.20	-.25		.07	.07	.017
		16.0	-3.12	6.38	-11.86	.00	.15	2.93	-.19	-.25		.05	.05	.017
		24.0	-3.11	15.15	-3.27	-.18	.04	2.93	-.19	-.29		.05	.05	.018
		32.0	-3.10	13.15	22.50	-.36	-.06	2.93	-.19	-.49		.07	.07	.024
1002-1005	140- 1	0.0	-3.15	-43.46	-21.17	-.35	.37	-2.90	-.20	-.91		.09	.09	.037
		8.0	-3.14	-13.15	3.94	-.17	.20	-2.90	-.20	-.26		.07	.07	.017
		16.0	-3.13	6.38	11.86	.01	.15	-2.90	-.20	-.25		.05	.05	.017
		24.0	-3.12	15.15	2.59	.19	.03	-2.90	-.19	-.29		.05	.05	.018
		32.0	-3.11	13.10	-23.86	.36	-.08	-2.90	-.19	-.51		.07	.07	.025
1003-1005	200- 1	0.0	4.26	-41.28	-49.10	.19	.34	-16.72	.11	.36		.07	.07	.015
		8.0	4.25	-12.54	-53.73	-.09	.20	-16.72	.11	.31		.06	.06	.014
		16.0	4.24	8.50	-33.28	-.33	.10	-16.72	.11	.19		.07	.07	.010
		24.0	4.24	21.85	9.62	-.55	.10	-16.72	.11	.13		.08	.08	.008
		32.0	4.25	27.49	72.33	-.75	.02	-16.72	.11	.43		.09	.09	.018
1004-1005	140- 1	0.0	5.82	-8.73	-49.84	-.60	.22	.02	.36	.95		.10	.10	.043
		8.0	5.82	7.37	7.56	-.40	.11	.02	.36	.20		.05	.05	.019
		16.0	5.82	12.69	26.47	.00	-.00	.02	.36	.55		.00	.00	.030
		24.0	5.82	7.22	6.88	.40	-.11	.02	.36	.19		.05	.05	.018
		32.0	5.82	-9.02	-51.21	.80	-.23	.02	.36	.98		.10	.10	.043
1004-1006	200- 1	0.0	-8.40	-37.17	-6.91	-.50	.25	-17.21	-.22	-.21		.07	.07	.018
		8.0	-8.39	-17.22	12.94	-.12	.17	-17.21	-.22	-.12		.06	.06	.015
		16.0	-8.38	-4.97	15.80	.06	.09	-17.21	-.22	-.09		.05	.05	.015
		24.0	-8.37	-.42	1.08	.24	.01	-17.21	-.22	-.01		.06	.06	.012
		32.0	-8.36	-5.57	-30.63	.42	-.07	-17.21	-.22	-.17		.07	.07	.017
1005-1006	200- 1	0.0	-8.48	-37.38	4.71	.26	.25	16.70	-.22	-.21		.07	.07	.018
		8.0	-8.47	-17.56	-11.83	.08	.17	16.70	-.22	-.12		.06	.06	.015
		16.0	-8.46	-5.44	-11.17	-.10	.09	16.70	-.22	-.07		.05	.05	.014
		24.0	-8.45	-1.03	6.67	-.28	.01	16.70	-.22	-.04		.06	.06	.013
		32.0	-8.44	-4.51	41.70	-.45	-.07	16.70	-.22	-.23		.07	.07	.019

STRAN GROUP SUMMARY REPORT

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER GROUP I D	THREE MOST RESTRICTIVE MEMBERS / FIRST MEMBER NO.	FIRST MAX. U. CK	FIRST LD. CN.	SECOND MEMBER NO.	SECOND MAX. U. CK	SECOND LD. CN.	THIRD MEMBER NO.	THIRD MAX. U. CK	THIRD LD. CN.	TOTAL	NUMBER OF MEMBERS IN GROUP WITH UNITY CK GT 1.33	WITH UNITY CK GT 1.00	WITH UNITY CK LT .50
M18	203- 205	.71	11	205- 206	.67	12	201- 204	.58	11	12	0	0	8
UAL	306- 406	.77	11	303- 403	.59	12	301- 401	.56	13	9	0	0	5
M06	202- 204	.07	11	102- 104	.05	11	204- 205	.05	11	6	0	0	6
120	206- 301	.44	13	203- 306	.40	10	201- 303	.31	10	3	0	0	3
123	301- 306	.60	12	301- 303	.54	10	303- 306	.50	11	3	0	0	0
JL4	403- 503	.46	12	406- 506	.46	11	401- 501	.39	13	3	0	0	3
P1	512- 712	.52	11	406- 512	.52	11	511- 711	.45	12	6	0	0	4
105	504- 506	.75	11	501- 504	.69	13	503- 505	.56	12	6	0	0	2
JL5	503- 603	.68	12	506- 606	.67	11	501- 601	.64	13	3	0	0	0
200	803- 906	1.01	10	806- 901	.94	13	706- 803	.84	12	12	0	1	1
105	504- 505	.27	13	502- 505	.27	12	502- 504	.16	13	3	0	0	3
JL6	606- 626	.60	11	656- 706	.57	11	626- 656	.54	11	9	0	0	5
137	701- 702	.37	12	702- 703	.33	12	701- 704	.28	10	6	0	0	6
JL7	706- 806	.89	11	703- 803	.83	12	701- 801	.43	13	3	0	0	1
107	704- 705	.24	13	702- 705	.21	10	702- 704	.14	11	3	0	0	3
P2	812- 912	.53	11	712- 812	.49	11	811- 911	.47	12	6	0	0	5
148	801- 804	.38	10	804- 806	.35	11	801- 802	.32	13	6	0	0	6
JL8	806- 906	.58	11	803- 903	.47	12	801- 901	.39	11	3	0	0	2
108	804- 805	.25	13	802- 805	.24	10	802- 804	.12	11	3	0	0	3
109	903- 905	.54	12	905- 906	.47	12	904- 906	.46	11	6	0	0	5
JL9	903-1003	.14	12	906-1006	.12	11	901-1001	.09	13	3	0	0	3
160	903-1005	1.06	10	906-1005	1.02	12	901-1004	.90	11	6	0	2	0
109	904- 905	.26	13	902- 905	.26	10	902- 904	.12	11	3	0	0	3
P3	1012- 912	1.03	11	1011- 911	.91	12	1010- 910	.53	13	3	0	1	0
200	1004-1006	.74	11	1005-1006	.72	11	1003-1005	.67	12	6	0	0	2
140	1002-1005	.29	10	1004-1005	.26	12	1002-1004	.22	11	3	0	0	3
							TOTAL MEMBERS			135	0	4	82

STRAN UNITY CHECK SUMMARY REPORT

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NUMBER	MEMBER GROUP ID	THREE HIGHEST UNITY CHECKS G.T. 1.00 /---FIRST HIGHEST---/ UNITY CHECK	LD. CN.	/---SECOND HIGHEST---/ UNITY CHECK	LD. CN.	/---THIRD HIGHEST---/ UNITY CHECK	LD. CN.
903-1005	180	1.06	10	.93	11	.80	12
1012- 912	P3	1.03	11	.91	10	.89	13
906-1005	180	1.02	12	.88	13	.78	10
803- 906	200	1.01	10	.86	11	.71	12

STRAN MEMBER STRESS REPORT NO. 1

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
101- 102	W18-01	.400	.015	.149	.237	12	0.0	-5.76	.01	419.37	-73.05	.400	11	.386	13
101- 104	W18-01	.403	.013	.148	.242	12	0.0	-4.97	-.01	417.69	-74.66	.383	11	.374	13
101- 201	DRL-01	.058	.010	.003	.045	12	15.0	-25.95	-147.71	251.97	-951.86	.054	13	.042	17
102- 103	W18-01	.333	.009	.146	.178	11	14.5	-3.51	-.01	413.28	54.93	.329	13	.270	10
102- 104	W08-01	.053	.004	.002	.047	11	14.5	-.47	-.00	-1.27	7.56	.043	13	.041	12
102- 105	W08-01	.036	.007	.004	.025	11	14.5	-.61	.00	2.65	-4.01	.035	10	.034	12
103- 105	W18-01	.315	.010	.154	.152	11	0.0	-3.79	.00	433.58	-46.84	.310	13	.248	10
103- 203	DRL-01	.080	.009	.025	.045	13	15.0	-23.52	100.32	850.55	1143.88	.077	12	.056	16
104- 105	W08-01	.037	.010	.009	.018	13	3.6	-1.17	-.00	-6.02	2.83	.037	11	.035	12
104- 106	W18-01	.275	.012	.131	.130	12	14.5	-4.49	.02	370.24	-40.05	.272	10	.209	11
105- 106	W18-01	.265	.015	.150	.098	12	14.5	-5.98	.00	423.44	-30.12	.217	10	.186	13
106- 206	DRL-01	.097	.008	.084	.004	11	15.0	-21.02	94.78	-1754.72	400.61	.087	10	.058	15
201- 202	W18-01	.516	.042	.200	.274	11	0.0	19.56	.07	564.80	84.58	.501	12	.499	13
201- 204	W18-01	.560	.102	.218	.260	11	0.0	-39.54	-.05	615.30	80.17	.537	10	.521	12
201- 301	DRL-01	.398	.023	.366	.010	11	15.0	-57.17	623.15	7500.34	-1230.99	.385	13	.309	10
201- 303	120-01	.306	.033	.104	.169	10	32.6	-15.00	5.47	303.29	-385.76	.238	11	.161	12
202- 203	W18-01	.448	.043	.217	.188	11	14.5	19.03	-.06	613.71	58.18	.424	13	.385	10
202- 204	W08-01	.072	.004	.018	.050	11	14.5	-.46	-.00	-11.83	8.02	.061	13	.061	12
202- 205	W08-01	.041	.008	.002	.030	11	14.5	-.91	-.02	1.56	-4.88	.038	13	.038	10
203- 205	W18-01	.714	.061	.490	.163	11	0.0	28.57	-.07	1381.71	-50.36	.660	13	.642	10
203- 303	DRL-01	.450	.045	.404	.001	13	15.0	-112.67	333.88	-8191.41	-473.03	.431	12	.430	10
203- 306	120-01	.399	.234	.127	.038	10	32.6	-97.05	-20.05	266.07	145.22	.387	11	.320	13
204- 205	W08-01	.045	.007	.018	.020	11	0.0	1.57	.02	11.81	-3.15	.044	13	.041	12
204- 206	W18-01	.432	.065	.217	.150	12	14.5	30.28	.06	613.27	-46.18	.397	10	.359	13
205- 206	W18-01	.669	.071	.481	.117	12	14.5	-27.44	.06	1358.57	-35.96	.583	10	.564	13
206- 301	120-01	.440	.256	.036	.148	13	24.5	-106.57	-9.60	146.82	297.32	.403	11	.377	12
206- 306	DRL-01	.529	.046	.475	.009	11	15.0	-114.63	244.67	9701.72	-1353.58	.527	13	.445	10
301- 303	123-01	.542	.067	.024	.451	10	29.0	-29.14	19.34	191.10	-831.60	.500	12	.490	11
301- 306	123-01	.602	.133	.016	.454	12	29.0	73.43	-10.05	-154.08	829.02	.601	11	.597	10
301- 401	DRL-01	.557	.046	.488	.023	13	28.5	-110.85	1280.08	10110.95	-2192.31	.511	11	.380	10
303- 306	123-01	.500	.084	.189	.227	11	29.0	46.78	-15.01	503.42	551.52	.455	12	.437	13
303- 403	DRL-01	.566	.051	.534	.001	12	28.5	-120.97	-321.44	10832.78	538.74	.574	10	.567	13
306- 406	DRL-01	.768	.074	.679	.015	11	28.5	-176.65	231.86	-13906.14	2066.94	.675	13	.651	10
401- 501	JL4-01	.392	.168	.013	.211	13	4.6	1232.16	111.95	-4819.27	-19515.07	.387	11	.286	12
401- 510	P1-01	.345	.213	.027	.105	13	4.6	-1557.15	-110.20	-4040.69	7956.33	.316	11	.266	12
403- 503	JL4-01	.456	.274	.045	.137	12	4.6	2003.97	-164.34	-8156.15	14192.73	.440	10	.428	13
403- 511	P1-01	.459	.352	.079	.009	12	4.6	-2241.22	-104.13	-5620.36	-1892.33	.400	10	.359	13
406- 506	JL4-01	.456	.330	.117	.008	11	4.6	2418.05	292.80	-10697.64	2912.77	.431	13	.394	10
406- 512	P1-01	.516	.410	.106	.000	11	0.0	-2612.06	275.85	-7201.48	-399.25	.470	13	.453	10
501- 502	105-01	.401	.259	.041	.121	13	0.0	-173.12	152.07	320.42	-565.13	.340	11	.330	10
501- 504	105-01	.693	.301	.302	.090	13	0.0	261.79	65.77	1215.83	-662.90	.678	11	.611	12
501- 601	JL5-01	.642	.282	.016	.345	13	0.0	1156.90	133.19	-3865.54	-17776.54	.642	11	.496	12
501- 622	200-01	.501	.222	.161	.119	10	0.0	242.91	-204.30	1200.28	-1030.43	.432	12	.302	13
502- 503	105-01	.392	.244	.029	.117	13	0.0	-177.55	-122.27	-254.52	536.13	.325	11	.195	12
502- 504	105-01	.164	.028	.135	.001	13	0.0	9.50	-46.67	128.38	-8.51	.155	12	.148	11
502- 505	105-01	.270	.078	.093	.099	12	0.0	20.59	27.68	126.81	130.58	.269	10	.200	13
503- 505	105-01	.565	.264	.299	.000	12	0.0	-191.41	-12.98	1132.28	20.66	.515	13	.405	10
503- 603	JL5-01	.678	.391	.062	.225	12	0.0	1609.97	-39.06	-6735.11	12861.21	.672	10	.628	11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
503- 625	200-01	.810	.483	.320	.006	12	0.0	529.59	-.72	1828.87	240.02	.774	13	.733	10
504- 505	105-01	.271	.094	.025	.154	13	15.2	-27.38	-.03	-60.30	156.48	.265	11	.198	12
504- 506	105-01	.753	.425	.322	.007	11	15.2	-508.16	42.80	1155.38	178.69	.619	10	.550	13
505- 505	105-01	.518	.101	.309	.049	10	15.2	139.55	-24.95	1173.92	446.78	.464	12	.440	11
506- 606	JL5-01	.665	.514	.134	.017	11	0.0	2115.40	418.94	-7183.58	2572.00	.650	13	.588	12
509- 624	200-01	.742	.462	.234	.096	11	0.0	500.23	90.12	1573.79	1008.17	.722	13	.645	10
510- 710	P1-01	.345	.213	.028	.104	13	0.0	-1357.18	-249.45	-4090.23	7930.85	.316	11	.260	12
511- 711	P1-01	.447	.370	.069	.007	12	0.0	-2241.28	-96.41	-5632.14	-1857.33	.400	10	.359	13
512- 712	P1-01	.522	.432	.089	.000	11	0.0	-2615.51	336.58	-6940.67	-383.20	.470	13	.457	10
601- 621	JL6-01	.463	.278	.015	.189	13	0.0	1142.58	-487.34	-2884.13	-4925.32	.476	11	.306	12
603- 623	JL6-01	.537	.387	.033	.117	12	0.0	1591.49	332.40	-3578.25	6696.74	.527	10	.437	13
605- 626	JL6-01	.596	.513	.076	.007	11	0.0	2112.34	414.89	-4001.22	1249.07	.579	13	.531	10
621- 651	JL6-01	.369	.277	.012	.080	13	0.0	1139.70	-479.92	-1664.85	-4314.57	.359	11	.172	12
622- 703	200-01	.490	.220	.047	.223	10	21.8	241.52	-212.57	634.54	-1388.25	.463	12	.255	13
623- 653	JL6-01	.436	.365	.014	.056	12	6.1	1560.03	329.00	1353.07	-2151.21	.418	10	.297	13
624- 701	200-01	.599	.495	.000	.105	13	21.9	-499.67	-91.96	-37.27	-604.50	.591	11	.513	12
625- 706	200-01	.629	.495	.002	.135	11	21.9	-498.74	127.23	-95.67	836.33	.618	13	.590	10
626- 656	JL6-01	.541	.512	.003	.026	11	6.1	2106.91	414.77	497.85	-1399.10	.514	13	.484	10
651- 701	JL6-01	.305	.290	.012	.003	13	0.0	1192.89	-1277.66	-684.61	-329.91	.295	11	.110	12
653- 703	JL6-01	.478	.405	.009	.065	12	7.1	1665.14	636.40	1309.44	-3481.71	.471	10	.283	11
656- 706	JL6-01	.573	.511	.006	.056	11	7.1	2103.45	414.12	962.41	-2944.00	.540	13	.486	10
701- 702	137-01	.367	.195	.001	.171	12	18.8	-75.08	13.10	-24.86	349.21	.325	10	.319	13
701- 704	137-01	.277	.089	.001	.186	10	18.8	-34.40	-12.24	-27.52	-336.06	.241	12	.145	13
701- 801	JL7-01	.427	.309	.019	.098	13	14.2	629.57	-417.53	1176.74	2672.77	.415	11	.208	10
701- 806	200-01	.739	.532	.160	.046	11	0.0	-442.50	3.91	-860.55	-463.76	.613	13	.598	10
702- 703	137-01	.326	.224	.002	.100	12	0.0	-80.04	-17.10	-28.78	205.89	.325	13	.280	11
702- 704	107-01	.138	.055	.001	.101	11	0.0	-9.69	6.28	-10.19	96.42	.131	13	.023	10
702- 705	107-01	.211	.056	.001	.154	10	0.0	-15.56	-1.46	-10.74	-146.65	.198	12	.117	11
703- 705	137-01	.246	.062	.001	.185	11	18.8	-51.52	4.68	-25.94	293.71	.216	13	.160	12
703- 801	200-01	.651	.515	.035	.285	10	0.0	-262.10	19.04	-562.25	1651.44	.582	12	.282	11
703- 803	JL7-01	.830	.670	.079	.081	12	7.1	1363.70	-390.97	2792.23	-2643.32	.827	10	.595	11
704- 705	107-01	.239	.065	.000	.174	13	0.0	-17.97	1.61	-2.31	164.36	.226	12	.224	11
704- 706	137-01	.218	.120	.002	.096	10	0.0	-46.17	21.44	-28.03	-173.97	.173	12	.173	11
705- 706	137-01	.229	.132	.070	.028	11	18.8	-50.61	-14.59	147.81	93.41	.211	10	.145	12
706- 803	200-01	.839	.591	.230	.018	12	0.0	-491.76	-11.78	-1079.69	305.78	.835	13	.711	11
706- 806	JL7-01	.590	.752	.117	.021	11	7.1	1530.48	-236.62	3164.77	-1350.37	.853	13	.729	10
710- 810	P2-01	.242	.205	.035	.002	13	28.4	-1595.93	-842.85	3181.29	-789.22	.192	11	.113	12
711- 811	P2-01	.425	.335	.088	.003	12	28.4	-2280.34	-852.99	7787.87	1370.53	.363	10	.268	13
712- 812	P2-01	.408	.340	.098	.000	11	28.4	-2654.69	-301.93	8530.59	-194.69	.421	10	.410	13
801- 802	140-01	.325	.170	.004	.152	13	22.8	-67.21	22.83	-55.90	381.39	.272	11	.257	12
801- 804	140-01	.385	.211	.002	.172	10	22.8	-83.66	-27.33	-41.19	-425.75	.323	12	.318	11
801- 901	JL6-01	.391	.325	.019	.048	11	16.2	-621.69	-211.33	-1006.71	-1614.22	.376	13	.158	10
801- 903	200-01	.644	.521	.005	.318	12	59.6	-243.33	31.55	-213.02	1653.65	.523	10	.288	11
802- 803	140-01	.325	.171	.003	.149	13	0.0	-67.59	-33.20	-51.75	374.81	.249	11	.202	12
802- 804	100-01	.119	.032	.001	.086	11	22.8	-8.15	9.47	9.41	81.64	.113	13	.037	12
802- 805	100-01	.237	.060	.002	.175	10	0.0	-15.09	-9.03	-17.57	-147.08	.219	12	.129	11
803- 805	140-01	.205	.101	.105	.017	12	0.0	-63.85	1.60	256.40	107.29	.202	13	.184	10
803- 903	JL6-01	.466	.392	.062	.012	12	6.1	797.91	-210.64	1684.12	-729.62	.465	10	.267	13

U.S. NAVY - ACHR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
803- 906	200-01	1.007	.662	.357	.008	10	0.0	-502.07	26.35	-1218.83	-185.82	.864	11	.709	12
804- 805	100-01	.252	.067	.001	.184	13	22.8	-17.02	-2.64	-11.36	175.04	.230	11	.217	12
804- 806	140-01	.349	.227	.107	.014	11	22.8	-89.72	12.89	244.11	-96.71	.347	10	.265	12
805- 806	140-01	.218	.077	.088	.053	10	22.8	46.91	-7.03	243.85	188.58	.213	12	.134	11
806- 901	200-01	.937	.561	.182	.174	13	0.0	-440.75	-14.34	-1005.92	-982.24	.703	12	.700	11
806- 906	JL6-01	.581	.500	.077	.004	11	10.2	1017.19	312.25	1978.33	450.96	.559	13	.551	12
810- 910	P2-01	.274	.211	.027	.037	13	32.4	-1419.68	510.13	-3625.48	-4222.24	.219	11	.128	12
811- 911	P2-01	.469	.342	.121	.006	12	32.4	-2304.07	-886.65	-10714.22	2282.03	.404	10	.313	13
812- 912	P2-01	.529	.398	.131	.000	11	32.4	-2678.38	546.00	-11260.94	-79.25	.454	10	.440	13
901- 902	104-01	.393	.261	.008	.124	10	0.9	-114.02	-16.55	94.08	410.52	.292	12	.214	11
901- 904	104-01	.443	.320	.000	.123	11	27.4	-140.03	-12.19	-19.47	-391.53	.339	13	.325	10
901-1001	JL4-01	.087	.035	.031	.022	13	0.0	70.30	330.16	1007.45	-646.48	.085	11	.073	10
901-1004	100-01	.555	.414	.029	.112	12	42.2	-255.94	68.17	-222.66	439.05	.451	10	.148	11
901-1004	100-01	.905	.721	.101	.021	11	42.2	-446.09	-23.29	-484.91	-174.56	.664	13	.562	10
902- 903	104-01	.326	.237	.013	.075	10	27.4	-103.65	33.62	-100.23	-260.38	.240	12	.203	11
902- 904	104-01	.122	.031	.006	.084	11	27.4	-7.10	10.64	22.11	82.76	.111	13	.048	12
902- 905	104-01	.200	.062	.003	.196	10	0.0	-15.96	-5.95	-22.55	-186.81	.237	12	.151	11
903- 905	104-01	.539	.406	.133	.000	12	0.0	-177.35	6.08	300.32	4.49	.493	13	.349	10
903-1002	100-01	.599	.412	.020	.167	10	0.0	-255.01	-32.03	-212.29	617.51	.497	12	.146	11
903-1003	JL4-01	.157	.056	.000	.001	12	0.0	115.79	-717.61	-7.32	2011.62	.123	10	.121	13
903-1005	100-01	1.064	.819	.240	.005	10	0.0	-500.70	-1.68	-637.04	-87.17	.929	11	.799	12
904- 905	104-01	.263	.069	.000	.193	13	27.4	-15.64	.54	-6.91	183.09	.236	11	.225	12
904- 906	104-01	.464	.355	.101	.007	11	27.4	-155.43	25.92	253.62	-78.79	.293	10	.289	13
905- 906	104-01	.471	.364	.075	.032	12	27.4	-159.29	1.97	-221.35	-165.99	.431	13	.362	10
906-1004	100-01	.895	.663	.144	.068	13	0.0	-422.65	24.68	-508.28	-350.45	.725	11	.589	12
906-1005	100-01	1.021	.817	.202	.001	12	42.2	-505.83	21.81	-532.59	41.61	.879	13	.777	10
906-1006	JL4-01	.123	.061	.034	.024	11	8.1	123.61	-25.18	1204.13	955.32	.118	13	.117	10
1010- 910	P3-01	.550	.170	.359	.021	13	0.0	-1447.74	938.68	30721.72	7620.73	.510	11	.188	12
1011- 911	P3-01	.906	.274	.630	.002	12	0.0	-2332.22	-2310.83	55460.05	-3151.32	.836	10	.539	13
1012- 912	P3-01	1.033	.318	.715	.000	11	0.0	-2706.61	71.13	62812.18	-34.52	.909	10	.893	13
1001-1002	200-01	.388	.313	.000	.075	13	32.0	-225.75	-83.33	-21.67	467.08	.304	11	.181	10
1001-1004	200-01	.402	.270	.091	.040	13	0.0	-194.97	-91.57	595.27	-431.54	.343	11	.173	12
1002-1003	200-01	.640	.501	.060	.079	12	32.0	-361.61	93.53	419.03	586.60	.473	10	.402	13
1002-1004	140-01	.215	.045	.152	.018	11	0.0	-16.45	36.47	-271.42	94.40	.195	13	.192	12
1002-1005	140-01	.287	.078	.080	.129	10	0.0	-28.31	-15.60	-218.08	-277.41	.258	12	.237	11
1003-1005	200-01	.672	.478	.194	.000	12	0.0	-345.00	13.37	814.79	-19.66	.471	10	.423	13
1004-1005	140-01	.264	.077	.058	.126	12	0.0	-28.23	25.71	-175.45	261.09	.246	13	.242	10
1004-1006	200-01	.741	.547	.164	.031	11	32.0	-394.64	-5.31	717.55	-347.43	.655	10	.483	13
1005-1006	200-01	.724	.536	.173	.015	11	32.0	-387.13	49.48	720.06	258.43	.658	10	.476	13

STRAN MEMBER STRESS REPORT NO. 2

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS: FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	Z-AXIS SHEAR UNITY CK	LD CN	Y-AXIS SHEAR UNITY CK	LD CN	KLY/RY	KLZ/RZ	NEXT HIGH UN.CK.	LD CN
101- 102	M10-01	.400	12	0.0	-5.76	.01	419.37	-73.05	.058	13	.004	11	49.5	55.2	.400	11
101- 104	M10-01	.403	12	0.0	-4.97	-.01	417.89	-74.66	.059	13	.004	12	49.4	55.2	.383	11
101- 201	DRL-01	.055	12	15.0	-23.95	-147.71	251.97	-951.86	.023	12	.017	12	17.5	17.5	.054	13
102- 103	M10-01	.333	11	14.5	-3.31	-.01	413.28	54.93	.050	11	.003	11	49.5	55.2	.329	13
102- 104	M08-01	.055	11	14.5	-.47	-.00	-1.27	7.56	.005	13	.001	11	50.9	108.3	.043	13
102- 105	M08-01	.036	11	14.5	-.41	.00	2.85	-4.01	.005	11	.000	13	50.9	108.3	.035	10
103- 105	M10-01	.315	11	0.0	-3.79	.00	433.56	-46.84	.059	11	.002	13	49.4	55.2	.310	13
103- 203	DRL-01	.080	13	15.0	-23.52	100.32	850.55	1143.88	.022	13	.017	13	17.5	17.5	.077	12
104- 105	M08-01	.037	13	3.6	-1.17	-.00	-.02	2.83	.006	13	.000	12	50.9	108.4	.037	11
104- 106	M10-01	.275	12	14.5	-4.49	.02	370.24	-40.05	.100	11	.002	12	49.5	55.2	.272	10
105- 106	M10-01	.263	12	14.5	-5.96	.00	423.44	-30.12	.059	13	.001	12	49.5	55.2	.217	10
106- 206	DRL-01	.097	11	15.0	-21.02	94.78	-1754.72	400.61	.024	11	.021	11	17.5	17.5	.087	10
201- 202	M10-01	.516	11	0.0	19.56	.07	564.80	84.58	.083	13	.004	11	49.5	55.2	.501	12
201- 204	M10-01	.560	11	0.0	-39.54	-.05	615.30	80.17	.083	11	.004	12	49.4	55.2	.537	10
201- 301	DRL-01	.393	11	15.0	-57.17	623.15	7500.34	-1230.99	.103	11	.078	11	17.5	17.5	.365	13
201- 303	120-01	.306	10	32.6	-13.80	5.47	303.29	-385.76	.071	11	.068	10	72.3	72.3	.258	11
202- 203	M10-01	.448	11	14.5	19.83	-.06	613.71	58.16	.084	11	.003	11	49.5	55.2	.424	13
202- 204	M08-01	.072	11	14.5	-.46	-.00	-11.53	8.02	.005	11	.001	11	50.9	108.3	.061	13
202- 205	M08-01	.041	11	14.5	-.91	-.02	1.56	-4.88	.007	13	.001	13	50.9	108.3	.038	13
203- 205	M10-01	.714	11	0.0	28.57	-.07	1381.71	-50.36	.187	11	.002	11	49.4	55.2	.660	13
203- 303	DRL-01	.450	13	15.0	-112.67	333.86	-8191.41	-473.03	.093	11	.077	11	17.5	17.5	.431	12
203- 306	120-01	.399	10	32.6	-97.05	-20.05	206.07	145.22	.060	12	.049	13	72.3	72.3	.387	11
204- 205	M08-01	.045	11	0.0	1.37	.02	11.81	-3.15	.007	11	.001	10	50.9	108.4	.044	13
204- 206	M10-01	.432	12	14.5	30.28	.06	613.27	-46.18	.136	13	.003	12	49.5	55.2	.397	10
205- 206	M10-01	.604	12	14.5	-27.44	.06	1358.57	-35.96	.188	13	.002	12	49.5	55.2	.583	10
206- 301	120-01	.440	13	24.5	-105.37	-9.60	146.82	297.32	.104	12	.088	12	72.3	72.3	.403	11
206- 306	DRL-01	.529	11	15.0	-114.43	244.67	9701.72	-1355.58	.099	13	.048	13	17.5	17.5	.527	13
301- 303	123-01	.542	10	29.0	-29.14	19.34	191.10	-831.60	.100	10	.091	11	64.2	64.2	.500	12
301- 306	123-01	.502	12	29.0	73.43	-10.05	-154.08	829.02	.090	12	.085	12	64.2	64.2	.501	11
301- 401	DRL-01	.557	13	26.5	-110.85	1280.08	10110.95	-2192.31	.205	11	.149	11	33.3	33.3	.511	11
303- 306	123-01	.500	11	29.0	46.78	-15.01	503.42	551.52	.059	11	.052	11	64.2	64.2	.455	12
303- 403	DRL-01	.589	12	26.5	-120.97	-321.44	10832.76	538.74	.162	11	.126	11	33.3	33.3	.574	10
306- 406	DRL-01	.708	11	26.5	-176.65	231.66	-13906.14	2066.94	.130	11	.120	11	33.3	33.3	.675	13
401- 501	JL4-01	.342	13	4.6	1232.16	111.95	-4819.27	-19515.07	.037	11	.036	11	3.3	3.3	.387	11
401- 510	P1-01	.345	13	4.6	-1357.15	-110.20	-4040.89	7956.33	.019	10	.017	10	3.9	3.9	.316	11
403- 503	JL4-01	.456	12	4.6	2005.97	-104.34	-8156.15	14192.73	.062	11	.055	10	3.3	3.3	.440	10
403- 511	P1-01	.439	12	4.6	-2241.22	-104.13	-5620.36	-1892.33	.016	11	.013	10	3.9	3.9	.400	10
406- 506	JL4-01	.456	11	4.6	2418.65	292.80	-10697.84	2912.77	.042	13	.040	13	3.3	3.3	.431	13
406- 512	P1-01	.518	11	0.0	-2512.06	275.45	-7201.48	-349.25	.012	12	.008	14	3.9	3.9	.470	13
501- 502	103-01	.401	13	0.0	-173.12	152.07	520.42	-565.13	.119	12	.040	12	53.5	26.7	.340	11
501- 504	103-01	.693	13	0.0	201.79	65.77	1215.83	-662.90	.099	10	.071	10	53.5	26.7	.678	11
501- 601	JL3-01	.642	13	0.0	1158.90	133.19	-3805.54	-17776.54	.106	12	.104	12	4.5	4.5	.642	11
501- 602	200-01	.501	10	0.0	242.91	-204.30	1200.28	-1030.43	.118	11	.084	11	28.6	28.6	.432	12
502- 503	103-01	.342	13	0.0	-177.33	-122.27	-254.32	556.13	.095	13	.067	13	53.5	26.7	.325	11
502- 504	103-01	.164	13	0.0	9.50	-46.67	128.38	-8.51	.107	11	.065	11	49.5	49.5	.155	12
502- 505	103-01	.270	12	0.0	26.59	27.66	126.81	130.58	.103	11	.062	11	49.5	49.5	.269	10
503- 505	103-01	.503	12	0.0	-191.41	-12.98	1152.28	20.66	.079	11	.054	11	53.5	26.7	.515	13
503- 603	JL3-01	.678	12	0.0	1609.97	-39.06	-6735.11	12801.21	.106	11	.102	11	4.5	4.5	.672	10

STRAN MEMBER STRESS REPORT NO. 2

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND	DIST FROM END(FT)	/-------- CONTROLLING MEMBER ACTIONS --------/ FORCE FA KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	Z-AXIS SHEAR UNITY CK	LD CN	Y-AXIS SHEAR UNITY CK	LD CN	KLY/RY	KLZ/RZ	NEXT HIGH UN.CK.	LD CN
503= 625	200=01	.810	12	0.0	529.59	-.72	1828.87	260.02	.084	13	.065	13	28.4	28.4	.774	13
504= 505	105=01	.271	13	15.2	-27.38	-.03	-60.30	156.48	.059	12	.044	12	49.5	49.5	.265	11
504= 506	105=01	.753	11	15.2	-308.16	42.80	1155.38	178.69	.069	10	.052	10	53.5	26.7	.619	10
505= 506	105=01	.514	10	15.2	159.56	-24.95	1175.92	466.78	.050	11	.042	11	53.5	26.7	.464	12
505= 606	JL6=01	.805	11	0.0	2115.40	418.94	-7165.56	2572.00	.052	11	.046	13	4.5	4.5	.650	13
506= 624	200=01	.742	11	0.0	508.23	90.12	1573.79	1008.17	.095	10	.073	10	26.4	26.4	.722	13
510= 710	P1=01	.545	13	0.0	-1557.16	-249.45	-4090.23	7930.85	.041	10	.025	10	21.4	21.4	.516	11
511= 711	P1=01	.447	12	0.0	-2241.28	-96.41	-5852.14	-1857.33	.035	13	.028	10	21.4	21.4	.400	10
512= 712	P1=01	.522	11	0.0	-2815.51	336.56	-6940.67	-383.20	.038	12	.032	13	21.4	21.4	.470	13
601= 621	JL6=01	.483	13	0.0	1142.58	-467.34	-2864.15	-9925.32	.102	10	.088	10	4.5	4.5	.476	11
603= 623	JL6=01	.537	12	0.0	1591.49	332.40	-3578.25	6698.74	.093	13	.084	13	4.5	4.5	.527	10
606= 626	JL6=01	.599	11	0.0	2112.38	414.89	-4001.22	1249.07	.049	11	.043	13	4.5	4.5	.579	13
621= 651	JL6=01	.389	13	0.0	1159.70	-479.92	-1604.85	-4314.57	.093	10	.079	10	4.5	4.5	.359	11
622= 703	200=01	.449	10	21.8	241.52	-212.57	834.54	-1388.25	.121	11	.086	11	30.5	30.5	.463	12
623= 653	JL6=01	.436	12	6.1	1566.03	329.00	1353.07	-2151.21	.085	13	.076	13	4.5	4.5	.418	10
624= 701	200=01	.599	13	21.9	-439.67	-91.96	-37.27	-644.50	.090	12	.067	10	30.7	30.7	.591	11
625= 706	200=01	.824	11	21.9	-496.74	127.23	-95.67	836.35	.074	13	.054	13	30.7	30.7	.618	13
626= 656	JL6=01	.541	11	6.1	2106.91	414.77	497.85	-1399.10	.040	13	.034	13	4.5	4.5	.514	13
651= 701	JL6=01	.305	13	0.0	1192.89	-1277.66	-684.81	-329.91	.086	12	.056	12	5.3	5.3	.295	11
653= 703	JL6=01	.478	12	7.1	1605.14	636.40	1309.44	-3481.71	.070	13	.048	13	5.3	5.3	.471	10
656= 706	JL6=01	.573	11	7.1	2103.95	414.12	962.41	-2944.00	.031	13	.026	13	5.3	5.3	.540	13
701= 702	137=01	.367	12	18.8	-75.08	13.10	-24.86	349.21	.055	13	.045	13	83.1	41.5	.325	10
701= 704	137=01	.277	10	18.8	-54.40	-12.24	-27.52	-356.06	.047	10	.041	10	83.1	41.5	.241	12
701= 801	JL7=01	.427	13	14.2	629.57	-417.53	1176.74	2672.77	.074	10	.056	10	21.4	21.4	.415	11
701= 806	200=01	.739	11	0.0	-442.50	3.91	-860.55	-465.76	.046	12	.046	12	70.3	70.3	.613	13
702= 703	137=01	.326	12	0.0	-65.04	-17.10	-26.76	205.89	.050	13	.043	13	83.1	41.5	.325	13
702= 704	107=01	.138	11	0.0	-7.69	6.28	-10.19	96.42	.032	11	.026	11	61.3	61.3	.131	13
702= 705	107=01	.211	10	0.0	-15.36	-1.46	-10.74	-146.65	.037	10	.036	10	61.3	61.3	.198	12
703= 705	137=01	.246	11	18.8	-31.52	4.68	-25.94	293.71	.030	11	.028	11	83.1	41.5	.216	13
703= 803	200=01	.531	10	0.0	-262.10	19.04	-562.25	1651.44	.056	12	.054	12	70.3	70.3	.562	12
703= 803	JL7=01	.850	12	7.1	1565.70	-390.97	2792.25	-2843.32	.077	12	.064	12	21.4	21.4	.827	10
704= 705	107=01	.259	13	0.0	-17.97	1.61	-2.31	164.36	.043	13	.042	13	61.3	61.3	.226	12
704= 706	137=01	.218	10	0.0	-46.17	21.44	-28.03	-173.97	.045	10	.035	10	83.1	41.6	.173	12
705= 706	137=01	.229	11	18.8	-50.61	-14.39	147.81	93.41	.028	11	.022	11	83.1	41.6	.211	10
705= 803	200=01	.459	12	0.0	-491.76	-11.76	-1079.89	303.76	.046	11	.044	11	70.3	70.3	.835	13
705= 805	JL7=01	.490	11	7.1	1530.48	-236.62	3164.77	-1350.37	.064	11	.056	11	21.4	21.4	.853	13
710= 810	P2=01	.242	13	28.4	-1595.93	-842.85	3181.29	-789.22	.037	10	.023	10	24.1	24.1	.192	11
711= 811	P2=01	.425	12	28.4	-2269.34	-852.99	4747.87	1370.53	.025	10	.015	10	24.1	24.1	.363	10
712= 812	P2=01	.468	11	28.4	-2659.69	-301.93	8530.59	-194.69	.014	13	.009	13	24.1	24.1	.421	10
801= 802	140=01	.525	13	22.8	-67.21	22.83	-55.90	381.39	.049	13	.040	13	91.6	45.8	.272	11
801= 804	140=01	.385	10	22.8	-63.66	-27.33	-41.19	-425.75	.053	10	.043	10	91.6	45.8	.323	12
801= 901	JL6=01	.391	11	16.2	-521.69	-211.33	-1006.71	-1614.22	.054	10	.046	10	24.5	24.5	.376	13
801= 903	200=01	.644	12	54.6	-245.33	31.55	-213.02	1653.65	.056	13	.049	13	83.5	83.5	.523	10
802= 803	140=01	.325	13	0.0	-67.59	-33.20	-51.75	374.81	.056	13	.044	13	91.6	45.8	.269	11
802= 804	140=01	.119	11	22.8	-8.15	9.47	9.81	81.84	.033	11	.025	11	74.5	74.5	.113	13
802= 805	100=01	.257	10	0.0	-13.09	-4.05	-17.[illegible]	-167.08	.045	10	.036	10	74.5	74.5	.219	12
803= 805	140=01	.265	12	0.0	-65.85	1.60	256.40	107.29	.030	11	.026	11	91.6	45.8	.202	13
803= 903	JL6=01	.406	12	6.1	797.91	-210.64	1664.12	-729.62	.052	12	.045	12	24.5	24.5	.465	10

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS: FORCE FA KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	Z-AXIS SHEAR UNITY CK	LD CN	Y-AXIS SHEAR UNITY CK	LD CN	KLY/RY	KLZ/RZ	NEXT HIGH UN.CK.	LD CN
803- 906	200-01	1.007	10	0.0	-502.07	24.35	-1218.83	-185.82	.039	13	.034	13	83.5	83.5	.864	11
804- 805	100-01	.252	13	22.8	-17.02	-2.64	-11.36	175.04	.038	13	.036	13	74.5	74.5	.230	11
804- 806	140-01	.348	11	22.8	-69.72	12.89	240.11	-95.71	.038	10	.031	10	91.6	45.8	.347	10
805- 806	140-01	.213	10	22.8	46.91	-7.05	245.85	184.56	.032	11	.023	11	91.6	45.8	.213	12
805- 901	200-01	.937	13	0.0	-440.75	-14.34	-1605.92	-982.24	.057	10	.049	10	83.5	83.5	.703	12
806- 906	140-01	.581	11	16.2	1017.19	312.25	1978.35	450.96	.082	10	.057	10	24.5	24.5	.559	13
810- 910	P2-01	.274	13	32.4	-1419.68	510.13	-3625.48	-4222.24	.025	10	.017	10	27.5	27.5	.219	11
811- 911	P2-01	.469	12	32.4	-2304.07	-806.65	-10714.22	2282.03	.043	10	.032	10	27.5	27.5	.404	10
812- 912	P2-01	.529	11	32.4	-2672.38	586.00	-11200.94	-79.25	.059	10	.038	10	27.5	27.5	.454	10
901- 902	100-01	.345	10	0.0	-114.02	-14.55	99.68	410.52	.046	13	.036	13	96.0	48.0	.292	12
901- 904	100-01	.445	11	27.4	-140.03	-12.19	-19.47	-391.53	.039	10	.033	10	96.0	48.0	.339	13
901-1001	JL4-01	.087	13	0.0	70.30	330.16	1007.45	-846.48	.045	13	.034	13	24.5	24.5	.065	11
901-1002	100-01	.555	12	42.2	-255.94	68.17	-222.66	439.05	.059	10	.042	10	65.5	65.5	.451	10
901-1004	140-01	.903	11	42.2	-446.09	-23.29	-484.91	-174.56	.052	10	.038	10	65.5	65.5	.664	13
902- 903	100-01	.326	10	27.4	-105.85	53.82	-100.23	-260.38	.044	13	.035	13	96.0	48.0	.240	12
902- 904	100-01	.122	11	27.4	-7.10	10.64	22.11	82.76	.033	11	.024	11	89.5	89.5	.111	13
902- 905	100-01	.260	10	0.0	-13.96	-5.95	-22.55	-186.81	.036	10	.031	10	89.5	89.5	.237	12
903- 905	100-01	.559	12	0.0	-177.55	6.08	300.32	4.49	.020	11	.018	11	96.0	48.0	.493	13
903-1002	140-01	.549	10	0.0	-255.01	-32.03	-212.29	617.51	.042	12	.034	12	65.5	65.5	.497	12
903-1003	JL4-01	.137	12	0.0	113.79	-717.61	-7.32	2011.62	.075	12	.051	12	24.5	24.5	.123	10
903-1005	140-01	1.064	10	0.0	-506.70	-1.66	-857.04	-87.17	.043	13	.043	13	65.5	65.5	.929	11
904- 905	100-01	.205	13	27.4	-15.64	.54	-6.91	183.09	.036	12	.031	12	89.6	89.6	.236	11
904- 906	100-01	.484	11	27.4	-155.43	25.92	255.62	-78.79	.040	10	.030	10	96.0	48.0	.293	10
905- 906	100-01	.471	12	27.4	-159.29	1.97	-221.55	-165.99	.026	11	.019	11	96.0	48.0	.431	13
906-1004	140-01	.595	13	0.0	-422.65	24.68	-508.28	-350.45	.049	10	.038	10	65.5	65.5	.725	11
906-1005	140-01	1.021	12	42.2	-505.85	21.81	-532.59	41.81	.030	12	.025	12	65.5	65.5	.879	13
906-1006	JL4-01	.123	11	8.1	123.81	-25.18	1204.13	955.32	.074	10	.052	10	24.5	24.5	.118	13
1010- 910	P3-01	.550	13	0.0	-1447.74	938.66	30721.72	7020.75	.050	13	.042	11	27.7	27.7	.510	11
1011- 911	P3-01	.906	12	0.0	-2552.22	-2310.83	55460.05	-3151.32	.107	10	.084	10	27.7	27.7	.836	10
1012- 912	P3-01	1.033	11	0.0	-2700.81	71.13	62812.18	-34.52	.104	10	.081	10	27.7	27.7	.909	10
1001-1002	200-01	.508	13	32.0	-225.75	-63.33	-21.67	467.08	.055	12	.039	12	89.8	44.9	.304	11
1001-1004	200-01	.402	13	0.0	-194.97	-91.57	595.27	-431.54	.074	10	.049	10	89.8	44.9	.343	11
1002-1003	200-01	.640	12	32.0	-301.61	93.53	419.03	566.60	.064	13	.042	13	89.8	44.9	.473	10
1002-1004	140-01	.215	11	0.0	-10.45	30.47	-271.42	94.40	.051	13	.033	13	63.8	63.8	.195	13
1002-1005	140-01	.267	10	0.0	-24.31	-15.60	-218.08	-277.41	.046	13	.032	10	63.8	63.8	.258	12
1003-1005	200-01	.672	12	0.0	-345.00	13.37	814.79	-19.66	.039	11	.027	11	89.8	44.9	.471	10
1004-1005	140-01	.264	12	0.0	-29.23	25.71	-175.45	261.09	.048	12	.036	12	63.8	63.8	.246	13
1004-1006	200-01	.741	11	32.0	-394.64	-5.31	717.55	-387.43	.025	10	.020	10	89.8	44.9	.655	10
1005-1006	200-01	.724	11	32.0	-387.13	49.48	720.06	258.43	.025	11	.018	11	89.8	44.9	.658	10

STRAN MEMBER STRESS REPORT NO. 3

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
101- 102	M10-01	.400	12	0.0	-.36	4.71	-6.81	-.59	-7.09	49.5	55.2	.400	11	.386	13
101- 104	M10-01	.403	12	0.0	-.31	4.69	-6.96	-.61	-7.21	49.4	55.2	.383	11	.374	13
101- 201	DBL-01	.054	12	15.0	-.26	-1.54	0.00	6.78	3.41	17.5	17.5	.054	13	.042	17
102- 103	M10-01	.333	11	14.5	-.20	4.64	5.12	-.46	7.17	49.5	55.2	.329	13	.270	10
102- 104	M10-01	.053	11	14.5	-.07	-.06	1.35	-.07	.17	50.9	108.3	.043	13	.041	12
102- 105	M06-01	.035	11	14.5	-.11	.14	-.72	.05	.18	50.9	108.3	.035	10	.034	12
103- 105	M10-01	.315	11	0.0	-.23	4.67	-4.37	-.36	-7.27	49.4	55.2	.310	13	.248	10
103- 203	DBL-01	.080	13	15.0	-.20	-2.23	0.00	-9.67	6.57	17.5	17.5	.077	12	.056	16
104- 105	M06-01	.037	13	3.6	-.17	-.29	.51	.01	-.06	50.9	108.4	.037	11	.035	12
104- 106	M10-01	.273	12	14.5	-.26	4.15	-3.74	.38	11.89	49.5	55.2	.272	10	.209	11
105- 106	M10-01	.205	12	14.5	-.37	4.75	-2.81	.21	7.12	49.5	55.2	.217	10	.146	15
106- 206	DBL-01	.087	11	15.0	-.25	-2.62	0.00	-2.34	-14.38	17.5	17.5	.087	10	.058	15
201- 202	M10-01	.515	11	0.0	1.21	6.34	7.89	.71	-9.46	49.5	55.2	.501	12	.449	13
201- 204	M10-01	.560	11	0.0	-2.44	6.90	7.48	.64	-10.29	49.4	55.2	.537	10	.521	12
201- 301	DBL-01	.398	11	15.0	-.85	-11.89	0.00	11.62	37.01	17.5	17.5	.385	13	.309	10
202- 203	M20-01	.305	10	32.6	-.72	-6.85	0.00	10.56	6.03	72.3	72.3	.238	11	.151	12
202- 205	M10-01	.448	11	14.5	1.22	6.69	5.45	-.52	10.31	49.5	55.2	.424	13	.385	10
202- 204	M06-01	.072	11	14.5	-.06	-.57	1.45	-.08	.17	50.9	108.3	.061	13	.061	12
202- 205	M06-01	.041	11	14.5	-.13	.07	-.87	.03	.11	50.9	108.3	.038	13	.038	10
203- 205	M10-01	.714	11	0.0	1.70	15.51	-4.70	-.36	-25.17	49.4	55.2	.660	13	.642	10
203- 303	DBL-01	.450	13	15.0	-1.24	-12.84	0.00	1.65	-38.45	17.5	17.5	.431	12	.430	10
203- 306	120-01	.349	10	32.6	-5.04	-5.34	0.00	-.46	.91	72.3	72.3	.347	11	.320	13
204- 205	M06-01	.045	11	0.0	.19	.57	-.56	.00	-.25	50.9	108.4	.044	13	.041	12
204- 206	M10-01	.432	12	14.5	1.87	6.68	-4.31	.44	10.79	49.5	55.2	.397	10	.359	13
205- 206	M10-01	.609	12	14.5	-1.89	15.25	-3.35	.20	22.45	49.5	55.2	.583	10	.564	13
205- 301	120-01	.440	13	24.5	-5.55	-5.65	0.00	-.11	1.18	72.3	72.3	.403	11	.377	12
205- 306	DBL-01	.529	11	15.0	-1.20	-15.32	0.00	11.41	53.64	17.5	17.5	.527	13	.445	10
301- 305	120-01	.542	10	29.0	-1.51	-15.05	0.00	14.77	3.23	64.2	64.2	.500	12	.490	11
301- 306	120-01	.602	12	27.0	3.82	14.87	0.00	-14.80	1.34	64.2	64.2	.601	11	.597	10
301- 401	DBL-01	.557	13	24.5	-1.22	-16.14	0.00	10.84	81.99	33.3	33.3	.511	11	.380	10
303- 306	120-01	.500	11	29.0	2.43	15.17	0.00	-7.37	3.80	64.2	64.2	.455	12	.437	13
303- 403	DBL-01	.585	12	28.5	-1.55	-16.97	0.00	-15.26	76.78	33.3	33.3	.574	10	.567	13
303- 406	DBL-01	.700	11	28.5	-1.94	-21.49	0.00	-9.66	-96.58	33.3	33.3	.675	13	.651	10
401- 501	JL4-01	.342	13	4.6	4.85	7.09	0.00	71.66	-27.51	3.3	3.3	.387	11	.246	12
401- 510	P1-01	.345	13	4.6	-4.15	-4.17	0.00	2.73	-8.24	3.9	3.9	.316	11	.266	12
403- 503	JL4-01	.455	12	4.6	7.80	5.77	0.00	-39.20	-108.31	3.3	3.3	.440	10	.428	13
403- 511	P1-01	.439	12	4.6	-10.15	-2.77	0.00	2.43	-14.08	3.9	3.9	.400	10	.359	13
406- 506	JL4-01	.456	11	4.6	9.51	5.48	0.00	-9.37	-81.38	3.3	3.3	.431	13	.394	10
406- 512	P1-01	.516	11	0.0	-11.40	-3.57	0.00	-.29	4.47	3.9	3.9	.470	13	.453	10
501- 502	105-01	.401	13	0.0	-5.73	-5.62	0.00	-1.06	-4.46	53.5	26.7	.340	11	.330	10
501- 504	105-01	.693	13	0.0	4.67	12.40	0.00	-4.12	-8.47	53.5	26.7	.678	11	.611	12
501- 601	JL5-01	.642	13	0.0	8.11	11.43	0.00	-116.23	17.40	4.5	4.5	.642	11	.496	12
501- 622	200-01	.501	10	0.0	6.39	8.65	0.00	-13.78	-11.68	28.6	28.6	.432	12	.302	13
502- 503	105-01	.392	13	0.0	-5.87	-5.51	0.00	10.97	1.13	53.5	26.7	.325	11	.195	12
502- 504	105-01	.184	13	0.0	.80	4.30	0.00	-1.25	-1.45	49.5	49.5	.155	12	.148	11
502- 505	105-01	.270	12	0.0	2.23	6.09	0.00	3.15	-1.20	49.5	49.5	.269	10	.200	13
503- 505	105-01	.503	12	0.0	-6.54	-10.14	0.00	-.56	-8.10	53.5	26.7	.515	13	.405	10
503- 603	JL5-01	.673	12	0.0	11.26	9.09	0.00	92.24	50.28	4.5	4.5	.672	10	.626	11

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
503= 503	200=01	.510	12	0.0	13.92	10.54	0.00	1.82	-15.90	28.4	28.4	.774	13	.733	10
504= 505	105=01	.271	13	15.2	-2.30	-5.01	0.00	-3.81	.53	49.5	49.5	.265	11	.198	12
505= 506	105=01	.753	11	15.2	-10.21	-10.47	0.00	-.52	8.69	53.5	26.7	.619	10	.550	13
506= 506	105=01	.518	10	15.2	4.62	11.51	0.00	-4.56	8.47	53.5	26.7	.464	12	.440	11
507= 606	105=01	.665	11	0.0	14.40	4.79	0.00	18.14	49.63	4.5	4.5	.650	13	.568	12
508= 604	200=01	.742	11	0.0	13.51	10.46	0.00	19.34	-15.65	28.4	28.4	.722	13	.645	10
510= 710	M1=01	.345	13	0.0	-6.13	-4.17	0.00	4.20	27.57	21.4	21.4	.316	11	.260	12
511= 711	M1=01	.447	12	0.0	-10.13	-2.77	0.00	.20	49.53	21.4	21.4	.400	10	.359	13
512= 712	M1=01	.522	11	0.0	-11.82	-5.25	0.00	-.29	57.47	21.4	21.4	.470	13	.457	10
601= 601	JL6=01	.405	13	0.0	7.99	6.49	0.00	-61.75	19.29	4.5	4.5	.476	11	.306	12
603= 603	JL6=01	.537	12	0.0	11.13	4.77	0.00	67.96	42.82	4.5	4.5	.527	10	.437	13
604= 606	JL6=01	.545	11	0.0	14.76	2.03	0.00	18.14	44.61	4.5	4.5	.579	13	.531	10
621= 651	JL6=01	.369	13	0.0	7.97	2.91	0.00	-70.90	16.75	4.5	4.5	.359	11	.172	12
622= 705	200=01	.490	10	21.8	6.55	6.54	0.00	10.04	8.54	30.5	30.5	.463	12	.255	13
623= 653	JL6=01	.436	12	6.1	11.10	1.00	0.00	52.10	23.04	4.5	4.5	.416	10	.297	13
624= 701	200=01	.549	13	21.9	-13.13	-5.01	0.00	9.65	-4.91	30.7	30.7	.591	11	.513	12
625= 706	200=01	.629	11	21.9	-15.11	-4.71	0.00	-9.01	-5.88	30.7	30.7	.616	13	.590	10
626= 650	JL6=01	.541	11	6.1	14.74	.93	0.00	18.14	14.83	4.5	4.5	.514	13	.484	10
651= 701	JL6=01	.305	13	0.0	8.35	.48	0.00	-13.07	10.41	5.3	5.3	.295	11	.110	12
653= 703	JL6=01	.478	12	7.1	11.65	2.54	0.00	14.25	-7.06	5.3	5.3	.471	10	.283	11
655= 705	JL6=01	.573	11	7.1	14.72	1.95	0.00	18.14	-2.68	5.3	5.3	.540	13	.486	10
701= 702	157=01	.357	12	18.8	-5.90	-6.17	0.00	-6.64	.08	83.1	41.5	.325	10	.319	13
701= 704	157=01	.277	10	18.8	-1.79	-5.95	0.00	6.59	.03	83.1	41.5	.241	12	.145	13
701= 801	JL7=01	.427	13	14.2	-8.91	-5.71	0.00	-1.43	-4.79	21.4	21.4	.415	11	.208	10
701= 806	200=01	.759	11	0.0	-11.65	-5.47	0.00	-7.59	8.66	70.3	70.3	.615	13	.598	10
702= 703	157=01	.326	12	0.0	-4.47	-3.67	0.00	4.95	.47	83.1	41.5	.325	13	.280	11
702= 704	107=01	.158	11	0.0	-.81	-3.24	0.00	2.39	-.05	61.3	61.3	.131	13	.023	10
702= 705	107=01	.211	10	0.0	-1.29	-4.92	0.00	-3.98	-.09	61.3	61.3	.198	12	.117	11
703= 705	157=01	.246	11	18.8	-1.54	-5.20	0.00	-4.79	.25	83.1	41.5	.216	13	.160	12
703= 803	200=01	.451	10	0.0	-6.84	-4.75	0.00	17.71	4.03	70.3	70.3	.562	12	.252	11
703= 803	JL7=01	.430	12	7.1	14.29	5.07	0.00	-2.36	2.90	21.4	21.4	.827	10	.595	11
704= 705	107=01	.239	13	0.0	-1.51	-5.50	0.00	4.51	-.20	61.3	61.3	.226	12	.224	11
704= 706	157=01	.218	10	0.0	-2.40	-5.11	0.00	-4.56	.43	83.1	41.6	.173	12	.173	11
705= 706	157=01	.229	11	18.8	-2.65	-5.08	0.00	-2.62	.92	83.1	41.6	.211	10	.145	12
706= 805	200=01	.639	12	0.0	-12.95	-6.28	0.00	1.69	10.07	70.3	70.3	.835	13	.711	11
706= 806	JL7=01	.490	11	7.1	21.65	4.57	0.00	-8.35	3.97	21.4	21.4	.853	13	.729	10
710= 810	M2=01	.242	13	28.4	-5.55	-1.37	0.00	8.59	4.79	24.1	24.1	.192	11	.113	12
711= 811	M2=01	.425	12	28.4	-9.07	-3.28	0.00	-1.98	8.77	24.1	24.1	.363	10	.268	13
712= 812	M2=01	.488	11	28.4	-11.56	-3.56	0.00	-.29	9.89	24.1	24.1	.421	10	.410	13
801= 802	140=01	.325	13	22.8	-3.17	-5.58	0.00	-6.46	-.27	91.6	45.8	.272	11	.257	12
801= 804	140=01	.305	10	22.8	-3.95	-6.19	0.00	6.58	.20	91.6	45.8	.325	12	.318	11
801= 901	JL6=01	.341	11	16.2	-8.80	-2.42	0.00	-6.13	-3.03	24.5	24.5	.376	13	.156	10
801= 903	200=01	.644	12	54.6	-6.40	-9.33	0.00	-12.26	-2.92	83.5	83.5	.523	10	.280	11
802= 803	140=01	.325	13	0.0	-3.19	-5.48	0.00	6.40	.19	91.6	45.8	.269	11	.202	12
802= 804	100=01	.119	11	22.8	-.60	-2.75	0.00	-1.85	.24	74.5	74.5	.115	13	.057	12
802= 805	100=01	.237	10	0.0	-1.27	-5.02	0.00	-3.34	-.05	74.5	74.5	.219	12	.129	11
803= 805	140=01	.205	12	0.0	-3.01	-4.02	0.00	.73	-1.51	91.6	45.8	.202	13	.164	10
803= 903	JL6=01	.466	12	8.1	11.29	2.53	0.00	.36	4.54	24.5	24.5	.445	10	.267	13

STRAN MEMBER STRESS REPORT NO. 3

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORMS 3 AND 4 - MLW 105.0 FEET - 50 YR STORM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
803- 908	200-01	1.307	10	0.0	-13.20	-6.90	0.00	-.96	8.27	83.5	83.5	.864	11	.709	12
804- 805	100-01	.252	13	22.8	-1.43	-5.87	0.00	-5.81	.12	74.5	74.5	.230	11	.217	12
804- 808	140-01	.349	11	22.8	-4.23	-3.80	0.00	2.19	1.26	91.6	45.8	.347	10	.265	12
805- 810	140-01	.218	10	22.8	2.21	4.46	0.00	-1.29	1.33	91.6	45.8	.213	12	.134	11
808- 811	200-01	.457	13	0.0	-11.54	-7.87	0.00	-8.31	8.54	83.5	83.5	.703	12	.700	11
808- 908	JL8-01	.551	11	16.2	14.59	2.58	0.00	-2.21	-5.74	24.5	24.5	.559	13	.551	12
810- 910	P2-01	.274	13	32.4	-3.95	-2.32	0.00	8.83	-15.50	27.5	27.5	.219	11	.126	12
811- 911	P2-01	.469	12	32.4	-9.17	-4.57	0.00	-2.36	-45.44	27.5	27.5	.404	10	.313	13
812- 912	P2-01	.529	11	32.4	-10.66	-4.69	0.00	-.29	-48.85	27.5	27.5	.454	10	.440	13
901- 902	100-01	.393	10	0.0	-4.66	-4.60	0.00	.36	-.64	96.0	48.0	.292	12	.214	11
901- 904	100-01	.445	11	27.4	-5.75	-4.28	0.00	4.29	.58	96.0	48.0	.339	13	.325	10
901-1001	JL9-01	.087	13	0.0	.44	1.67	0.00	-15.67	2.92	24.5	24.5	.085	11	.073	10
901-1002	P3-01	.555	12	42.2	-9.31	-4.21	0.00	-5.87	-2.89	65.5	65.5	.451	10	.148	11
901-1004	180-01	.903	11	42.2	-16.25	-4.40	0.00	2.93	-4.89	65.5	65.5	.664	13	.542	10
902- 903	100-01	.326	10	27.4	-4.27	-3.05	0.00	3.96	-.04	96.0	48.0	.240	12	.203	11
902- 904	100-01	.122	11	27.4	-.60	-2.86	0.00	-1.62	.20	89.5	89.5	.111	13	.048	12
902- 905	100-01	.260	10	0.0	-1.17	-0.29	0.00	-2.94	-.02	89.5	89.5	.237	12	.151	11
903- 905	100-01	.534	12	0.0	-7.28	-5.28	0.00	.10	-1.10	96.0	48.0	.493	13	.349	10
903-1002	180-01	.599	10	0.0	-9.28	-5.58	0.00	6.77	2.16	65.5	65.5	.497	12	.146	11
903-1003	JL9-01	.137	12	0.0	1.61	2.56	0.00	14.23	12.15	24.5	24.5	.123	10	.121	13
903-1005	180-01	1.064	10	0.0	-18.43	-5.49	0.00	-.79	5.85	65.5	65.5	.929	11	.799	12
904- 905	100-01	.263	13	27.4	-1.51	-6.13	0.00	-3.24	.14	89.6	89.6	.236	11	.225	12
904- 906	100-01	.464	11	27.4	-5.56	-2.90	0.00	1.91	.90	96.0	48.0	.293	10	.289	13
905- 906	100-01	.471	12	27.4	-5.54	-5.02	0.00	1.16	-.42	96.0	48.0	.431	13	.342	10
906-1004	180-01	.695	13	0.0	-15.36	-5.28	0.00	-4.02	4.55	65.5	65.5	.725	11	.589	12
906-1005	180-01	1.021	12	42.2	-16.40	-4.56	0.00	-.52	-5.28	65.5	65.5	.879	13	.777	10
906-1006	JL9-01	.125	11	8.1	1.75	1.95	0.00	5.33	4.52	24.5	24.5	.116	13	.117	10
1010- 910	P3-01	.530	13	0.0	-4.90	-11.41	0.00	8.74	-90.57	27.7	27.7	.510	11	.196	12
1011- 911	P3-01	.905	12	0.0	-7.89	-20.03	0.00	-2.26	-172.32	27.7	27.7	.836	10	.539	13
1012- 912	P3-01	1.333	11	0.0	-9.15	-22.05	0.00	-.29	-192.60	27.7	27.7	.909	10	.893	13
1001-1002	200-01	.368	13	32.0	-5.93	-2.62	0.00	-6.67	-.47	89.8	44.9	.304	11	.181	10
1001-1004	200-01	.402	15	0.0	-5.15	-4.11	0.00	.25	-2.10	89.8	44.9	.343	11	.173	12
1002-1003	200-01	.640	12	32.0	-9.51	-4.03	0.00	-5.29	1.41	89.8	44.9	.473	10	.402	13
1002-1004	140-01	.215	11	0.0	-1.02	-5.40	0.00	1.73	1.48	63.8	63.8	.195	13	.192	12
1002-1005	140-01	.287	10	0.0	-1.70	-6.63	0.00	-3.53	1.06	63.8	63.8	.258	12	.257	11
1003-1005	200-01	.672	12	0.0	-9.07	-4.56	0.00	.58	-5.31	89.8	44.9	.471	10	.423	13
1004-1005	140-01	.204	12	0.0	-1.76	-5.91	0.00	3.47	.68	63.8	63.8	.246	13	.242	10
1004-1006	200-01	.741	11	32.0	-10.57	-4.56	0.00	3.46	2.68	89.8	44.9	.655	10	.483	13
1005-1006	200-01	.724	11	32.0	-10.16	-4.28	0.00	-2.99	2.50	89.8	44.9	.658	10	.476	13

```
PUY3FVC.   08/27/76. *UNITED COMPUTING* 67. APEX/SL M.7.0

21.20.52>STRAN,CM100,T500,LS.
21.20.52>PL       54      0.000
21.20.55>ACS401C84000,1,277/101JT )B
21.20.55. 08/27/76.PUY3FVC
21.20.55>PL     3542      0.000
21.20.55.GET,TAPE20=SPFILE(LIBRARY)
21.20.55.READY =   SPFILE
21.20.55.GET,STRAN=STRANS(LIBRARY)
21.20.55.CAP READY =          STRANS
21.20.55.GET,TAPE5=5771J03.
21.21.02.READY =   5771J05
21.21.03.MFL,1/2000.
21.21.03>PL     4096      0.001       0         0.
21.21.03>PL      519          3
21.21.07.STRAN.
21.21.15>PLS   01440      0.001
21.21.20>PLA   01440      0.350      336         7
21.21.20.PL REQUIRED TO LOAD     620736 ( 25659)
21.21.20.PL REQUIRED TO EXECUTE  521008 ( 21568)
21.21.20>PL    01440      0.365
21.21.41.SSC START STRAN6
21.21.41.
21.21.41.  SSSSSSSSSSSSSSSSSSSSSSSSSSSSS
21.21.41. SSSSSSSSSSSSSSSSSSSSSSSSSSSSSS
21.21.41. SSSSSSSSSSSSSSSSSSSSSSSSSSSSSS
21.21.41. SSSSSSSSSSSSSSSSSSSSSSSSSSSSSS
21.21.41. SSSSSSS IIIIIIIIIIIIIIIIIIIIII
21.21.41. SSSSSSS IIIIIIIIIIIIIIIIIIIIII
21.21.41. SSSSSSS IIIIIIIIIIIIIIIIIIIIII
21.21.41. SSSSSSS IIIIIIIIIIIIIIIIIIIIII
21.21.41. SSSSSSS          IIIIIII
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSSS
21.21.41.                 IIIIIII SSSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSSS
21.21.41. SSSSSSSSSSSSSSS IIIIIII SSSSSS
21.21.41.
21.21.41.     STRUCTURAL TECHNOLOGY, INC.
21.21.41.      S T R A N 6
21.21.46.         MOD 14
21.25.37.U.S. NAVY - AC4R PLATFORMS - PLATFORMS 3
21.25.37. AND 4 - MLW 105.0 FEET - 50 YR STORM
21.25.37.08/27/76
21.25.37...   5 UNITS     99 JOINTS     182 MEMBERS
21.25.37...   9 BASIC LOADS ON  3008 LOAD CARDS
21.25.37...   8 COMBINED LOADS
21.25.37...   8 LOADS SELECTED FOR PROCESSING
21.25.37...UNITY CHECK REQUESTED
21.27.24.UNIT   1, 20 JT ELIM, 11 JT RED, CYCLE  1
21.28.59.UNIT   2, 20 JT ELIM, 13 JT RED, CYCLE  1
21.30.05.UNIT   3, 20 JT ELIM,  4 JT RED, CYCLE  1
21.31.15.UNIT   4, 6  JT ELIM, 12 JT RED, CYCLE  1
```

```
21.32.34.BACKWARD SUBSTITUTION
21.32.37.              2.8065                    55.0752
21.33.37.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.33.41.BACKWARD SUBSTITUTION
21.33.44.   2              .2291                     .1656
21.34.40.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  3
21.34.52.BACKWARD SUBSTITUTION
21.34.55.   1              .1696                     .4586
21.35.54.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  4
21.35.59.BACKWARD SUBSTITUTION
21.36.02.   1              .1176                     .4284
21.37.08.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  5
21.37.12.BACKWARD SUBSTITUTION
21.37.15.   1              .1165                     .4324
21.38.17.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.38.22.BACKWARD SUBSTITUTION
21.38.25.   3             1.0355                     .8986
21.39.25.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.39.31.BACKWARD SUBSTITUTION
21.39.35.   0              .0371                     .1114
21.40.40.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.40.46.BACKWARD SUBSTITUTION
21.40.50.   3             1.0044                    1.7109
21.42.00.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.42.04.BACKWARD SUBSTITUTION
21.42.09.   3              .3861                     .1595
21.43.12.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  3
21.43.17.BACKWARD SUBSTITUTION
21.43.20.   2              .2296                     .3317
21.44.34.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  4
21.44.39.BACKWARD SUBSTITUTION
21.44.42.   0              .0532                     .0462
21.45.27.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.45.34.BACKWARD SUBSTITUTION
21.45.38.   2             1.1285                    1.0595
21.46.38.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.46.44.BACKWARD SUBSTITUTION
21.46.49.   0              .0085                     .1063
21.47.41.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.47.48.BACKWARD SUBSTITUTION
21.47.53.   0              .0368                   10.2541
21.48.17.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.48.21.BACKWARD SUBSTITUTION
21.48.02.   0              .0034                    2.1762
21.49.23.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.49.28.BACKWARD SUBSTITUTION
21.49.30.   0              .0016                     .2036
21.50.26.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.50.30.BACKWARD SUBSTITUTION
21.50.33.   0              .0016                     .2034
21.51.27.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.51.31.BACKWARD SUBSTITUTION
21.51.34.   0              .0033                     .9846
21.52.41.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.52.47.BACKWARD SUBSTITUTION
21.52.50.   0              .0033                     .9793
21.53.54.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  1
21.53.59.BACKWARD SUBSTITUTION
21.54.02.   0              .0019                     .3468
21.54.54.UNIT  5, 18 JT ELIM,  0 JT FWD, CYCLE  2
21.55.03.BACKWARD SUBSTITUTION
21.55.06.   0              .0019                     .3474
21.55.11.BACKWARD SUBSTITUTION
21.56.24.PRINTING DEFLECTIONS
21.57.19.COMPUTING FORCES
```

```
22.12.09.[illegible] USING EXHILIBRIUM
22.12.19.    SIDM STRANGIA
22.12.19.$
22.12.19$$$$  $2672   112.251    99493    15390,
22.12.19$PI      42          2
22.12.19.REQUEST,OUTPUT.
22.12.19$PL     1210   112.251
22.12.19.COPYBR,INPUT,J177108.
22.12.34.COPY COMPLETE.
22.12.34$PL     2560   112.709     5350       281
22.12.34.SAVE,J177108.
22.13.10.READY -   J177108
22.13.10.COST.
22.13.10$PL     4040   112.709        0         0,
22.13.10$PI     2670          1
22.13.10.            SERVICE UNITS=    696.5
22.13.10.              JOB COSTS=     120.97
22.13.11$PL    12240   112.735       19         6
22.13.11.EXIT.
22.13.11$JOB    2560   112.734
22.13.11.     *PL*  *CPU SEC. *DISC PRUS* DISC ACC
22.13.11.*P.P. PRUS*P.P. ACC *TAPE PRUS* TAPE ACC
```

APPENDIX B.4

SEALOAD - Operational Wave

A000 REMOTE BATCH

UNITED COMPUTING 67. APEX/SL B.7.0

16.03.45. 08/27/76.

```
PPPPPPPPPPP   UU      UU  YY      YY  33333333333  FFFFFFFFFFFF  HH      HH  IIIIIIIIIIII
PPPPPPPPPPPP  UU      UU  YY      YY  333333333333 FFFFFFFFFFFF  HH      HH  IIIIIIIIIIII
PP        PP  UU      UU  YY      YY  3         33 FF            HH      HH      II
PP        PP  UU      UU  YY      YY            33 FF            HH      HH      II
PP        PP  UU      UU  YY      YY           33  FF            HH      HH      II
PP        PP  UU      UU  YY      YY          33   FF            HH      HH      II
PPPPPPPPPPPP  UU      UU  YYY     YYY        33    FF            HH      HH      II
PPPPPPPPPPP   UU      UU   YYY   YYY        33     FFFFFFFF      HHHHHHHHHHHH    II
PP            UU      UU    YYY YYY        333    FFFFFFFF      HHHHHHHHHHHH    II
PP            UU      UU     YYYYY          33    FF            HH      HH      II
PP            UU      UU      YY           33     FF            HH      HH      II
PP            UU      UU      YY          33      FF            HH      HH      II
PP            UU      UU      YY          33      FF            HH      HH      II
PP            UU      UU      YY      3   33      FF            HH      HH      II
PP            UUUUUUUUUUU     YY      333333333333 FF           HH      HH  IIIIIIIIIIII
PP             UUUUUUUUU      YY       333333333   FF           HH      HH  IIIIIIIIIIII
```

SYNERCOM TECHNOLOGY USER BULLETIN

STRAN BULLETIN #5
*** ENDLOAD ***

THE METHOD FOR CALCULATING THE MOMENTS, SHEARS, AND AXIAL FORCES AT THE EXTREME ENDS OF A MEMBER HAS BEEN MODIFIED TO CORRECTLY INCLUDE CONCENTRATED LOADS OR MOMENTS APPLIED AT THE ENDS OF THE MEMBER. THIS TECHNIQUE IS BELIEVED TO GIVE THE TRUE EVALUATION OF THE ACTIONS AT THE ENDS OF A MEMBER DUE TO JOINT LOADS APPLIED AS MEMBER END LOADS. THEREFORE, FOR ANY MEMBER HAVING END LOADS--

1. ALL MEMBER STRESS REPORTS MAY BE EFFECTED.
2. SHEAR STRESSES WILL CHANGE WHERE CONCENTRATED LOADS ARE APPLIED AT THE MEMBER END.
3. BENDING OR TORSIONAL STRESSES WILL CHANGE WHERE MOMENT LOADS ARE APPLIED AT THE MEMBER END.
4. STRESSES OTHER THAN AT THE END WHERE THE LOAD IS APPLIED WILL NOT CHANGE.
5. MEMBERS WITHOUT END LOADS WILL NOT CHANGE.
6. THE MEMBER FORCES AND MOMENTS REPORT DOES NOT CHANGE.

HAVE YOU READ BULLETIN NO.4 REGARDING THE NEW ALLOWABLE STRESS AND UNITY CHECK FEATURES.

NOTE - IF YOU DO NOT HAVE ALL OF THE BULLETINS, YOU MAY OBTAIN A COPY BY SUBMITTING A RUN WITH THE FOLLOWING CONTROL CARDS:

```
GET,MANCBUL.
COPYSBF,MANCBUL.
```

```
**************************************************
*                                                *
*                   SEALOAD-2                    *
*                                                *
*          DEVELOPED BY SYNERCOM TECHNOLOGY, INC.*
*                HOUSTON, TEXAS                  *
*              RELEASE 2  MOD 13                 *
*                 AUG 1976                       *
*                                                *
**************************************************
```



```
                    1    1    2    2    3    5    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
```

```
    1  COEF     1.0  0.74          1.34
    2  END     90.0  0.74          1.34
    3  VCUR                1.0     0.26
    4                      11.0    0.59
    5                      21.0    0.75
    6                      31.0    0.89
    7                      41.0    1.01
    8                      51.     1.17
    9                      61.     1.28
   10                      71.     1.41
   11                      81.     1.54
   12                      91.     1.71
   13  END                101.1    1.84
   14  U.S. NAVY  -  ACMR PLATFORMS  -  PLATFORMS #3 + #4  -  MLW 105.0 FEET
   15                              OPERATIONAL WAVE
   16                                J.  TALBOT
   17                             AUGUST, 1976
   18                              27-771-01
   19  STRAN    1 60   20 20 5  1   2 90   20 20 5  1 DF 11    00 5   400  1104  114  3 11
   20  END      3240   20 20 5  1   4270   20 20 5  1
   21  WIND  1    10063610 1750 1095   60 15    ALL
   22        2    10203610 1694 1095   60 15    ALL
   23  END
```

**** C O E F F I C I E N T T A B L E R E P O R T ****

DIAMETER IN	NORMAL DRAG COEF	TANG DRAG COEF	MASS COEF
1.000	.7400	=0.0000	1.3400
90.000	.7400	=0.0000	1.3400

U.S. NAVY - ACMR PLATFORMS - PLATFORMS #3 + #4 - MLW 105.0 FEET

OPERATIONAL WAVE

J. TALBUT

AUGUST, 1976

27-771-01

INPUT UNITS
....ENGLISH

OUTPUT UNITS
....ENGLISH

**** STOKES WAVE CONSTANTS REPORT ****

WAVE HEIGHT =	40.000	FT
MEAN WATER DEPTH =	110.400	FT
WAVE PERIOD =	11.400	SEC
WAVE LENGTH =	542.457	FT
WAVE CELERITY =	51.907	FT/SEC
D/L =	.1R6343	
LAMBDA =	.2002R	

BETA =	.01061
CU2 =	20.525335
A11 =	.85821470
A13 =	-.98731067
A15 =	-1.5545717
A22 =	.85151739E-01
A24 =	.1143M25R
A33 =	.595M8140E-03
A35 =	.8721V145E-01
A44 =	-.13093577E-02
A55 =	-.3443509?E-04
B22 =	1.0347245
B24 =	1.5043349
B33 =	1.1982570
B35 =	4.3453287
B44 =	1.6196865
B55 =	2.4131509
C1 =	1.7203458
C2 =	6.6710356
C3 =	-.9705860RE-01
C4 =	.10862546

D1 TO D5	6.0990063	.36580758	.50910769E-02	-.43796379E-03	-.28836255E-05
E1 TO E5	10.885340	4.1420380	1.0413270	.24574982	.73333039E-01

WAVE PROFILE TABLE

THETA=	0.	10.	20.	30.	40.	50.	60.	70.	80.	90.	100.	110.	120.	130.	140.	150.	160.	170.	180.
X(FT)=	0.0	16.5	32.9	49.4	65.8	82.3	98.7	115.2	131.7	148.1	164.6	181.0	197.5	213.9	230.4	246.9	263.3	279.8	296.2
DEPTH(FT)=	134.8	134.0	131.9	128.6	124.8	120.7	116.6	112.9	109.5	106.5	103.9	101.6	99.8	98.2	97.0	96.1	95.4	94.9	94.8

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 1 WAVE ANGLE = 60.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE TO STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	12.15	236.0	424.5	485.7	-34160.	18686.	38937.	-13.1
2	-15.0	9.11	235.5	422.2	483.4	-34152.	18738.	38955.	-20.6
3	-10.0	6.08	233.6	417.3	476.3	-33909.	18673.	38711.	-28.1
4	-5.0	3.04	230.1	409.9	470.1	-33442.	18471.	38204.	-35.5
5	0.0	-0.00	225.4	399.9	459.1	-32744.	18155.	37480.	-42.6
6	5.0	-3.04	219.2	387.4	445.1	-31818.	17705.	36412.	-49.3
7	10.0	-6.08	211.6	372.4	428.3	-30668.	17138.	35132.	-55.9
8	15.0	-9.11	202.7	355.1	408.9	-29315.	16444.	33612.	-62.0
9	20.0	-12.15	192.3	335.7	386.9	-27778.	15631.	31874.	-67.7

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 1 WAVE DIRECTION = 60.000

X SHEAR FORCE =	235.4540 KIPS
Y SHEAR FORCE =	422.2338 KIPS
RESULTANT SHEAR FORCE =	483.4459 KIPS
X MUDLINE MOMENT =	-34152.0869 FT-KIPS
Y MUDLINE MOMENT =	18758.0506 FT-KIPS
RESULTANT MUDLINE MOMENT =	38954.8403 FT-KIPS
Z VERTICAL FORCE =	-20.5713 KIPS

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 2 WAVE ANGLE = 90.00

INIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	12.15	-.2	493.7	493.7	-39900.	-18.	39900.	-11.6
2	-15.0	9.11	.3	490.1	490.1	-39612.	44.	39612.	-19.3
3	-10.0	6.08	.8	483.5	483.5	-39454.	95.	39454.	-26.6
4	-5.0	3.04	1.2	473.8	473.8	-38825.	145.	38825.	-34.3
5	0.0	-0.00	1.6	461.0	461.1	-37914.	192.	37914.	-41.3
6	5.0	-3.04	2.0	445.6	445.6	-36753.	239.	36754.	-48.5
7	10.0	-6.08	2.3	427.1	427.1	-35332.	276.	35334.	-55.2
8	15.0	-9.11	2.6	406.2	406.2	-33686.	304.	33687.	-61.6
9	20.0	-12.15	2.8	382.9	382.9	-31842.	325.	31844.	-67.7

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 2 WAVE DIRECTION = 90.000

X SHEAR FORCE =	-.2322 KIPS
Y SHEAR FORCE =	493.7237 KIPS
RESULTANT SHEAR FORCE =	493.7237 KIPS
X MUDLINE MOMENT =	-39899.5694 FT-KIPS
Y MUDLINE MOMENT =	-18.2573 FT-KIPS
RESULTANT MUDLINE MOMENT =	39899.5736 FT-KIPS
Z VERTICAL FORCE =	-11.5863 KIPS

****** WAVE POSITION SUMMARY REPORT ******

LOAD CONDITION 3 — WAVE ANGLE = 240.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	12.15	-235.2	-423.4	484.3	33958.	-18657.	38746.	.5
2	-15.0	9.11	-233.9	-422.8	483.2	34131.	-18666.	38901.	-6.5
3	-10.0	6.04	-231.2	-420.1	479.5	34090.	-18556.	38813.	-13.7
4	-5.0	3.04	-227.2	-414.6	472.7	33812.	-18321.	38456.	-21.1
5	0.0	-0.00	-221.5	-406.4	462.8	33294.	-17946.	37822.	-28.1
6	5.0	-3.04	-214.5	-395.6	450.0	32544.	-17447.	36920.	-35.4
7	10.0	-6.08	-206.2	-382.2	434.3	31557.	-16832.	35765.	-42.2
8	15.0	-9.11	-196.5	-366.8	416.2	30375.	-16107.	34381.	-48.9
9	20.0	-12.15	-186.0	-349.0	395.4	28980.	-15294.	32775.	-55.3

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 3 WAVE DIRECTION =240.000

X SHEAR FORCE =	-233.8711	KIPS
Y SHEAR FORCE =	-422.8255	KIPS
RESULTANT SHEAR FORCE =	483.1947	KIPS
X MUDLINE MOMENT =	34130.6318	FT-KIPS
Y MUDLINE MOMENT =	-18665.9846	FT-KIPS
RESULTANT MUDLINE MOMENT =	38901.4011	FT-KIPS
Z VERTICAL FORCE =	-6.4591	KIPS

**** WAVE POSITION SUMMARY REPORT ****

LOAD CONDITION 4 WAVE ANGLE = 270.00

TRIAL NO.	DIST. TO CREST FT	PHASE ANG. WAVE-TO-STRUC. (DEG)	SHEAR KIPS X	SHEAR KIPS Y	SHEAR KIPS RSLNT	MUDLINE MOMENT FT-KIPS X	MUDLINE MOMENT FT-KIPS Y	MUDLINE MOMENT FT-KIPS RSLNT	VERTICAL FORCE KIPS Z
1	-20.0	12.15	-1.6	-486.9	486.9	39146.	-192.	39147.	.2
2	-15.0	9.11	-1.5	-487.5	487.5	39425.	-157.	39425.	-7.7
3	-10.0	6.08	-1.1	-485.0	485.0	39451.	-110.	39451.	-14.8
4	-5.0	3.04	-.7	-479.8	479.8	39218.	-66.	39218.	-22.0
5	0.0	-0.00	-.2	-471.6	471.6	38719.	-6.	38719.	-29.9
6	5.0	-3.04	.3	-460.2	460.3	37949.	48.	37949.	-37.3
7	10.0	-6.08	.7	-446.0	446.0	36909.	99.	36909.	-44.4
8	15.0	-9.11	1.2	-428.8	428.8	35606.	158.	35607.	-51.1
9	20.0	-12.15	1.6	-409.2	409.2	34084.	202.	34085.	-57.8

**** L O A D S U M M A R Y R E P O R T ****

WAVE NUMBER = 4 WAVE DIRECTION =270.000

X SHEAR FORCE =	-1.1189 KIPS
Y SHEAR FORCE =	-485.0479 KIPS
RESULTANT SHEAR FORCE =	485.0492 KIPS
X MUDLINE MOMENT =	39450.6699 FT-KIPS
Y MUDLINE MOMENT =	-109.9402 FT-KIPS
RESULTANT MUDLINE MOMENT =	39450.8230 FT-KIPS
Z VERTICAL FORCE =	-14.8475 KIPS

**** D E A D L O A D R E P O R T ****

LOAD CONDITION 5 MEAN WATER DEPTH = 110.400 FT

STRUCTURE DEAD LOAD = -490.9113 KIPS

```
*****************************************************
*                                                   *
*                    SEALOAD-2                      *
*                                                   *
*          DEVELOPED BY SYNERCOM TECHNOLOGY, INC.   *
*                    HOUSTON, TEXAS                 *
*                  RELEASE 2  MOD 13                *
*                    AUG 1976                       *
*                                                   *
*****************************************************
```

```
                        1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
```

```
    1  SECT
    2  SECT W15MOUN    PRI  5000 5000000 3000000 3000000   1000          500
    3  SECT W18X50     WFC  1620     125   80200    4020    750  570 1800  358   50
    4  SECT W8X24      WFC   706      34    8250    1620    650  396  793  245   50
    5  SECT W8X15      WFC   456      11    5010     967    600  269  600  235   50
    6  GROUP
    7  GROUP G86             862  509  29  116  36        100 100       5000
    8  GROUP G95            1075  365  29  116  36        100 100       5000
    9  GROUP G96            1075  844  29  116  36        100 100       5000
   10  GROUP G97            1075  365  29  116  36        100 100       5000
   11  GROUP G98            1075  365  29  116  36        100 100       5000
   12  GROUP G99            1075  365  29  116  36        100 100       5000
   13  GROUP G20            1275  500  29  116  36         80  80       5000
   14  GROUP G25            1275  500  29  116  36         80  80       5000
   15  GROUP G23            1275  500  29  116  36         80  80       5000
   16  GROUP G37            1275  500  29  116  36        160  80       5000
   17  GROUP G40            1400  375  29  116  36         80  80       5000
   18  GROUP G48            1400  500  29  116  36        160  80       5000
   19  GROUP G40            1400  375  29  116  36         80  80       5000
   20  GROUP G65            1600  625  29  116  36        160  80       5000
   21  GROUP G69            1600  500  29  116  36        160  80       5000
   22  GROUP G80            1800  500  29  116  36         80  80       5000
   23  GROUP G00            2000  625  29  116  36         80  80       5000
   24  GROUP G00            2000  625  29  116  36        160  80       5000
   25  GROUP GRL            3000 1000  29  116  36        100 100       5000
   26  GROUP  P1            4200 1750  29  116  36        100 100       5000
   27  GROUP  P2            4200 2000  29  116  36        100 100       5000
   28  GROUP  P3            4200 2375  29  116  36        100 100       5000
   29  GROUP JL4            4800 1750  29  116  36        100 100       5000
   30  GROUP JL5            4650 1000  29  116  36        100 100       5000
   31  GROUP JL6            4650 1000  29  116  36        100 100       5000
   32  GROUP JL7            4550  500  29  116  36        100 100       5000
   33  GROUP JL8            4550  500  29  116  36        100 100       5000
   34  GROUP JL9            4550  500  29  116  36        100 100       5000
   35  GROUP GUM            1800  500  29  116  36        100 100       5000
   36  GROUP MAN W15MOUN                29  116  36
   37  GROUP W18 W18X50                 29  116  36        200  50  01
   38  GROUP W08 W8X24                  29  116  36        100 100  01
   39  GROUP W08 W8X15                  29  116  36        100 100  01
   40  MEMBER
   41  MEMBER  101 102 W18                                                1800
   42  MEMBER  102 103 W18                                                1800
```

LINE NO.	1	2	3	4	5	6	7	8
43	MEMBER	103	105	W1B				1800
44	MEMBER	105	106	W1A				1800
45	MEMBER	101	104	W1A				1800
46	MEMBER	104	106	W1A				1800
47	MEMBER	102	104	W0A				800
48	MEMBER	102	105	W0B				800
49	MEMBER	104	105	W0A				800
50	MEMBER	201	202	W1A				1800
51	MEMBER	202	203	W1A				1800
52	MEMBER	203	205	W1B				1800
53	MEMBER	205	206	W1A				1800
54	MEMBER	201	204	W1B				1800
55	MEMBER	204	206	W1A				1800
56	MEMBER	202	204	W0B				800
57	MEMBER	202	205	W0A				800
58	MEMBER	204	205	W0B				800
59	MEMBER	201	303	120				2400
60	MEMBER	203	306	120				2400
61	MEMBER	206	301	120				3600
62	MEMBER	301	403	120SK				2400
63	MEMBER	104	201	120SK				2400
64	MEMBER	301	303	123				2000
65	MEMBER	303	306	123				2000
66	MEMBER	301	306	123				2000
67	MEMBER	501	502	105				1600
68	MEMBER	502	503	105				1600
69	MEMBER	503	505	105				1600
70	MEMBER	505	506	105				1600
71	MEMBER	501	504	105				1600
72	MEMBER	504	506	105				1600
73	MEMBER	502	504	105				1075
74	MEMBER	502	505	105				1075
75	MEMBER	504	505	105				1075
76	MEMBER	501	507	RB1SK				0000
77	MEMBER	507	510	RB1SK	1111			0000
78	MEMBER	503	508	RB1SK				0000
79	MEMBER	508	511	RB1SK	1111			0000
80	MEMBER	506	509	RB1SK				0000
81	MEMBER	509	512	RB1SK	1111			0000
82	MEMBER	501	513	125SK				1200
83	MEMBER	503	514	125SK				1200
84	MEMBER	513	651	HUMSK				4000
85	MEMBER	514	653	HUMSK				4000
86	MEMBER	601	611	104SK				1400
87	MEMBER	603	613	104SK				1400
88	MEMBER	651	601	104SK				1400
89	MEMBER	653	603	104SK				1400
90	MEMBER	611	612	084SK				1200
91	MEMBER	612	613	084SK				1200
92	MEMBER	601	602	084SK				2080

LINE NO.	1	2	3	4	5	6	7	8
93	MEMBER	602	603	08SSK				2680
94	MEMBER	611	601	10SSK				3000
95	MEMBER	612	602	10SSK				2000
96	MEMBER	613	603	10SSK				3000
97	MEMBER	501	622	20D				2000
98	MEMBER	622	703	20D				3032
99	MEMBER	503	625	20D				2000
100	MEMBER	625	706	20D				3032
101	MEMBER	506	624	20D				2000
102	MEMBER	624	701	20D				3032
103	MEMBER	701	702	137				2033
104	MEMBER	702	703	137				2033
105	MEMBER	703	705	137				2033
106	MEMBER	705	706	137				2033
107	MEMBER	701	704	137				2033
108	MEMBER	704	706	137				2033
109	MEMBER	702	704	107				1757
110	MEMBER	702	705	107				1757
111	MEMBER	704	705	107				1757
112	MEMBER	701	707	WBNSK				0000
113	MEMBER	707	710	WBNSK	1111			0000
114	MEMBER	703	709	WBNSK				0000
115	MEMBER	708	711	WBNSK	1111			0000
116	MEMBER	706	709	WBNSK				0000
117	MEMBER	709	712	WBNSK	1111			0000
118	MEMBER	701	806	20D				3032
119	MEMBER	703	801	20D				3032
120	MEMBER	706	803	20D				3032
121	MEMBER	801	802	148				2205
122	MEMBER	802	803	148				2205
123	MEMBER	803	805	148				2205
124	MEMBER	805	806	148				2205
125	MEMBER	801	804	148				2205
126	MEMBER	804	806	148				2205
127	MEMBER	802	804	108				1757
128	MEMBER	802	805	108				1757
129	MEMBER	804	805	108				1757
130	MEMBER	801	807	WBNSK				0000
131	MEMBER	807	810	WBNSK	1111			0000
132	MEMBER	803	808	WBNSK				0000
133	MEMBER	808	811	WBNSK	1111			0000
134	MEMBER	806	809	WBNSK				0000
135	MEMBER	809	812	WBNSK	1111			0000
136	MEMBER	801	903	20D				3032
137	MEMBER	803	906	20D				3032
138	MEMBER	806	901	20D				3032
139	MEMBER	901	902	169				2481
140	MEMBER	902	903	169				2481
141	MEMBER	903	905	169				2481
142	MEMBER	905	906	169				2481

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

  143  MEMBER  901 904 169                                              2481
  144  MEMBER  904 906 169                                              2481
  145  MEMBER  902 904 109                                              1757
  146  MEMBER  902 905 109                                              1757
  147  MEMBER  904 905 109                                              1757
  148  MEMBER  901 907 WBNSK                                            0000
  149  MEMBER  907 910 WBNSK        1111                                0000
  150  MEMBER  903 908 WBNSK                                            0000
  151  MEMBER  908 911 WBNSK        1111                                0000
  152  MEMBER  905 909 WBNSK                                            0000
  153  MEMBER  909 912 WBNSK        1111                                0000
  154  MEMBER  9011002 180                                              2757
  155  MEMBER  9031002 180                                              2757
  156  MEMBER  9031005 180                                              2757
  157  MEMBER  9061005 180                                              2757
  158  MEMBER  9011004 180                                              2757
  159  MEMBER  9061004 180                                              2757
  160  MEMBER 10011002 200                                              3032
  161  MEMBER 10021003 200                                              3032
  162  MEMBER 10031005 200                                              3032
  163  MEMBER 10051006 200                                              3032
  164  MEMBER 10011004 200                                              3032
  165  MEMBER 10041006 200                                              3032
  166  MEMBER 10021004 140                                              2205
  167  MEMBER 10021005 140                                              2205
  168  MEMBER 10041005 140                                              2205
  169  MEMBER 10011007 WBNSK                                            0000
  170  MEMBER 10071010 WBNSK        1111                                0000
  171  MEMBER 10031008 WBNSK                                            0000
  172  MEMBER 10081011 WBNSK        1111                                0000
  173  MEMBER 10081009 WBNSK                                            0000
  174  MEMBER 10091012 WBNSK        1111                                0000
  175  MEMBER  101 201 DAL                                              3000
  176  MEMBER  103 203 DAL                                              3000
  177  MEMBER  106 206 DAL                                              3000
  178  MEMBER  201 301 DAL                                              3000
  179  MEMBER  203 303 DAL                                              3000
  180  MEMBER  206 306 DAL                                              3000
  181  MEMBER  301 401 DAL                                              3000
  182  MEMBER  303 403 DAL                                              3000
  183  MEMBER  306 406 DAL                                              3000
  184  MEMBER  401 501 JL4                                          F   4800
  185  MEMBER  403 503 JL4                                          F   4800
  186  MEMBER  406 506 JL4                                          F   4800
  187  MEMBER  501 601 JL5                                          F   4750
  188  MEMBER  503 603 JL5                                          F   4750
  189  MEMBER  506 606 JL5                                          F   4750
  190  MEMBER  601 621 JL6                                          F   4750
  191  MEMBER  603 623 JL6                                          F   4750
  192  MEMBER  606 626 JL6                                          F   4750
```

```
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
   193 MEMBER  621 651 JL6                                                                  F 6823
   194 MEMBER  623 653 JL6                                                                  F 6823
   195 MEMBER  626 656 JL6                                                                  F 6823
   196 MEMBER  651 701 JL6                                                                  F 6823
   197 MEMBER  653 703 JL6                                                                  F 6823
   198 MEMBER  656 706 JL6                                                                  F 6823
   199 MEMBER  701 801 JL7                                                                  F 6547
   200 MEMBER  703 803 JL7                                                                  F 6547
   201 MEMBER  706 806 JL7                                                                  F 6547
   202 MEMBER  801 901 JL8                                                                  F 6547
   203 MEMBER  803 903 JL8                                                                  F 6547
   204 MEMBER  806 906 JL8                                                                  F 6547
   205 MEMBER  9011001 JL9                                                                  F 6547
   206 MEMBER  9031003 JL9                                                                  F 6547
   207 MEMBER  9061006 JL9                                                                  F 6547
   208 MEMBER  401 510  P1                                                                  F 0000 1
   209 MEMBER  403 511  P1                                                                  F 0000 2
   210 MEMBER  406 512  P1                                                                  F 0000 3
   211 MEMBER  510 710  P1                                                                  F 0000 1
   212 MEMBER  511 711  P1                                                                  F 0000 2
   213 MEMBER  512 712  P1                                                                  F 0000 3
   214 MEMBER  710 810  P2                                                                  F 0000 1
   215 MEMBER  711 811  P2                                                                  F 0000 2
   216 MEMBER  712 812  P2                                                                  F 0000 3
   217 MEMBER  810 910  P2                                                                  F 0000 1
   218 MEMBER  811 911  P2                                                                  F 0000 2
   219 MEMBER  812 912  P2                                                                  F 0000 3
   220 MEMBER 1010 910  P3                                                                  F 0000 1
   221 MEMBER 1011 911  P3                                                                  F 0000 2
   222 MEMBER 1012 912  P3                                                                  F 0000 3
   223 FOUND
   224 CVPG      5  .05        .05       .005
   225 PILE   1010  200.0
   226 PROP         42.0       42.0      2.37      20.0
   227 PROP         42.0       42.0      1.75      70.0
   228 PROP         42.0       42.0      1.50     200.0
   229 PY       2   0.0
   230 FORCE        0.0         0.0
   231 DEFL         0.0        20.0
   232 PY       8   0.0
   233 FORCE        0.0       0.107     0.129     0.153     0.169     0.186
   234 FORCE        0.237     0.237
   235 DEFL         0.0       0.050     0.120     0.270     0.430     0.700
   236 DEFL         1.580    20.000
   237 PY       8  14.0
   238 FORCE        0.0       0.366     0.611     0.906     1.136     1.440
   239 FORCE        2.274     2.274
   240 DEFL         0.0       0.036     0.110     0.260     0.420     0.700
   241 DEFL         1.580    20.000
   242 PY       8  24.0
```

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  243 FORCE          0.0       1.244     1.681     2.347     2.895     3.644
  244 FORCE          5.631     5.631
  245 DEPL           0.0       0.070     0.140     0.280     0.430     0.700
  246 DEPL           1.580    20.000
  247 PY         8  34.0
  248 FORCE          0.0       3.021     3.693     4.742     5.659     6.950
  249 FORCE         11.120    11.120
  250 DEPL           0.0       0.120     0.190     0.320     0.460     0.700
  251 DEPL           1.580    20.000
  252 PY         8  46.0
  253 FORCE          0.0       7.634     8.468     9.913    11.273    13.280
  254 FORCE         21.248    21.248
  255 DEPL           0.0       0.220     0.270     0.380     0.500     0.700
  256 DEPL           1.580    20.000
  257 PY         8  66.0
  258 FORCE          0.0      10.718    11.997    14.043    15.970    18.814
  259 FORCE         30.102    30.102
  260 DEPL           0.0       0.220     0.270     0.380     0.500     0.700
  261 DEPL           1.580    20.000
  262 PY         8 102.0
  263 FORCE          0.0      16.223    17.995    21.064    23.954    28.221
  264 FORCE         45.153    45.153
  265 DEPL           0.0       0.220     0.270     0.380     0.500     0.700
  266 DEPL           1.580    20.000
  267 PY         7 102.1
  268 FORCE          0.0       0.967     1.313     1.718     2.418     3.281
  269 FORCE          3.281     0.
  270 DEPL           0.0       0.075     0.190     0.47      1.180     2.940
  271 DEPL          20.000
  272 PY         7 136.0
  273 FORCE          0.0       0.967     1.313     1.718     2.418     3.281
  274 FORCE          3.281
  275 DEPL           0.0       0.075     0.190     0.47      1.180     2.940
  276 DEPL          20.000
  277 PILE  1011   200.0
  278 PILE  1012   200.0
  279 JOINT
  280 JOINT  101    14.50    -8.37  180.00                          TOP DECK
  281 JOINT  102     0.0     -8.37  180.00                          TOP DECK
  282 JOINT  103   -14.50    -8.37  180.00                          TOP DECK
  283 JOINT  104     7.25     4.18  180.00                          TOP DECK
  284 JOINT  105    -7.25     4.18  180.00                          TOP DECK
  285 JOINT  106     0.0     16.74  180.00                          TOP DECK
  286 JOINT  201    14.50    -8.37  165.00                          BOM DECK
  287 JOINT  202     0.0     -8.37  165.00                          BOM DECK
  288 JOINT  203   -14.50    -8.37  165.00                          BOM DECK
  289 JOINT  204     7.25     4.18  165.00                          BOM DECK
  290 JOINT  205    -7.25     4.18  165.00                          BOM DECK
  291 JOINT  206     0.0     16.74  165.00                          BOM DECK
  292 JOINT  301    14.50    -8.37  150.00                          DK BRACE
```

LINE NO.						
293	JOINT	503	-14.50	-8.37	150.00	DK BRACE
294	JOINT	506	0.0	16.74	150.00	DK BRACE
295	JOINT	401	14.50	-8.37	121.50	MP LEVEL
296	JOINT	403	-14.50	-8.37	121.50	MP LEVEL
297	JOINT	406	0.0	16.74	121.50	MP LEVEL
298	JOINT	501	15.15	-8.75	117.00	5 LEVEL
299	JOINT	502	0.0	-8.75	117.00	5 LEVEL
300	JOINT	503	-15.15	-8.75	117.00	5 LEVEL
301	JOINT	504	7.58	4.37	117.00	5 LEVEL
302	JOINT	505	-7.58	4.37	117.00	5 LEVEL
303	JOINT	506	0.0	17.49	117.00	5 LEVEL
304	JOINT	507	17.32	-10.00	117.41	5 LEVEL
305	JOINT	508	-17.32	-10.00	117.41	5 LEVEL
306	JOINT	509	0.0	19.99	117.41	5 LEVEL
307	JOINT	510	15.15	-8.75	116.99	5 LEVEL
308	JOINT	511	-15.15	-8.75	116.99	5 LEVEL
309	JOINT	512	0.0	17.49	116.99	5 LEVEL
310	JOINT	513	17.74	-10.25	11700	5 LEVEL
311	JOINT	514	-17.74	-10.25	11700	5 LEVEL
312	JOINT	515	0.0	20.49	11700	5 LEVEL
313	JOINT	601	16.01	-9.25	111.00	BUAT LOG
314	JOINT	603	-16.01	-9.25	111.00	BUAT LOG
315	JOINT	606	0.0	18.50	111.00	BUAT LOG
316	JOINT	611	16.01	-15.25	11100	BUAT LOG
317	JOINT	612	0.0	-15.25	11100	BUAT LOG
318	JOINT	613	-16.01	-15.25	11100	BUAT LOG
319	JOINT	621	16.86	-9.75	105.00	MLW
320	JOINT	622	-1.35	-9.75	105.00	MLW
321	JOINT	623	-16.86	-9.75	105.00	MLW
322	JOINT	624	9.00	3.90	105.00	MLW
323	JOINT	625	-7.87	5.85	105.00	MLW
324	JOINT	626	0.00	19.49	105.00	MLW
325	JOINT	651	17.74	-10.25	99.00	BUAT LOG
326	JOINT	653	-17.74	-10.25	99.00	BUAT LOG
327	JOINT	656	0.0	20.49	99.00	BUAT LOG
328	JOINT	661	17.74	-15.25	9900	BUAT LOG
329	JOINT	662	0.0	-15.25	9900	BUAT LOG
330	JOINT	663	-17.74	-15.25	9900	BUAT LOG
331	JOINT	701	18.76	-10.83	92.00	7 LEVEL
332	JOINT	702	0.0	-10.83	92.00	7 LEVEL
333	JOINT	703	-18.76	-10.83	92.00	7 LEVEL
334	JOINT	704	9.38	5.41	92.00	7 LEVEL
335	JOINT	705	-9.38	5.41	92.00	7 LEVEL
336	JOINT	706	0.0	21.66	92.00	7 LEVEL
337	JOINT	707	20.95	-12.08	92.41	7 LEVEL
338	JOINT	708	-20.95	-12.08	92.41	7 LEVEL
339	JOINT	709	0.0	24.16	92.41	7 LEVEL
340	JOINT	710	18.76	-10.83	91.99	7 LEVEL
341	JOINT	711	-18.76	-10.83	91.99	7 LEVEL
342	JOINT	712	0.0	21.66	91.99	7 LEVEL

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     343 JOINT  801   22.79 -13.16  64.00                                                    8 LEVEL
     344 JOINT  802    0.0  -13.16  64.00                                                    8 LEVEL
     345 JOINT  803  -22.79 -13.16  64.00                                                    8 LEVEL
     346 JOINT  804   11.40   6.58  64.00                                                    8 LEVEL
     347 JOINT  805  -11.40   6.58  64.00                                                    8 LEVEL
     348 JOINT  806    0.0   26.32  64.00                                                    8 LEVEL
     349 JOINT  807   24.96 -14.41  64.41                                                    8 LEVEL
     350 JOINT  808  -24.96 -14.41  64.41                                                    8 LEVEL
     351 JOINT  809    0.0   28.82  64.41                                                    8 LEVEL
     352 JOINT  810   22.79 -13.16  63.99                                                    8 LEVEL
     353 JOINT  811  -22.79 -13.16  63.99                                                    8 LEVEL
     354 JOINT  812    0.0   26.32  63.99                                                    8 LEVEL
     355 JOINT  901   27.42 -15.83  32.00                                                    9 LEVEL
     356 JOINT  902    0.0  -15.83  32.00                                                    9 LEVEL
     357 JOINT  903  -27.42 -15.83  32.00                                                    9 LEVEL
     358 JOINT  904   13.71   7.91  32.00                                                    9 LEVEL
     359 JOINT  905  -13.71   7.91  32.00                                                    9 LEVEL
     360 JOINT  906    0.0   31.66  32.00                                                    9 LEVEL
     361 JOINT  907   29.59 -17.08  32.41                                                    9 LEVEL
     362 JOINT  908  -29.59 -17.08  32.41                                                    9 LEVEL
     363 JOINT  909    0.0   34.16  32.41                                                    9 LEVEL
     364 JOINT  910   27.42 -15.83  31.99                                                    9 LEVEL
     365 JOINT  911  -27.42 -15.83  31.99                                                    9 LEVEL
     366 JOINT  912    0.0   31.66  31.99                                                    9 LEVEL
     367 JOINT 1001   32.04 -18.50   0.0                                                    MUDLINE
     368 JOINT 1002    0.0  -18.50   0.0                                                    MUDLINE
     369 JOINT 1003  -32.04 -18.50   0.0                                                    MUDLINE
     370 JOINT 1004   16.02   9.25   0.0                                                    MUDLINE
     371 JOINT 1005  -16.02   9.25   0.0                                                    MUDLINE
     372 JOINT 1006    0.0   37.00   0.0                                                    MUDLINE
     373 JOINT 1007   34.21 -19.75   0.41                                                   MUDLINE
     374 JOINT 1008  -34.21 -19.75   0.41                                                   MUDLINE
     375 JOINT 1009    0.0   39.50   0.41                                                   MUDLINE
     376 JOINT 1010   32.04 -18.50  -0.01                                                   MUDLINE
     377 JOINT 1010                                                  111111                 MUDLINE
     378 JOINT 1010                                  1010    910 OBLIQU                     MUDLINE
     379 JOINT 1011  -32.04 -18.50  -0.01                                                   MUDLINE
     380 JOINT 1011                                                  NONLIN                 MUDLINE
     381 JOINT 1011                                  1011    911 OBLIQU                     MUDLINE
     382 JOINT 1012    0.0   37.00  -0.01                                                   MUDLINE
     383 JOINT 1012                                                  NONLIN                 MUDLINE
     384 JOINT 1012                                  1012    912 OBLIQU                     MUDLINE
     385 LOAD
     386 LOADCN   1
     387 LOAD X  510 710     7.59      23                                    GLOB CONC      WN 0 1
     388 LOAD Y  510 710                                        7.59  16218 GLOB MOMT      WN 0 1
     389 LOAD Y  510 710     7.59      40                                    GLOB CONC      WN 0 1
     390 LOAD X  510 710                                        7.59- 31555 GLOB MOMT      WN 0 1
     391 LOAD X  511 711     7.59      25                                    GLOB CONC      WN 0 1
     392 LOAD Y  511 711                                        7.59  16218 GLOB MOMT      WN 0 1
```

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	7	7	8
393	LOAD Y	511 711	7.59	40							GLOB CONC	WN	0	1
394	LOAD X	511 711							7.59-	31555	GLOB MOMT	WN	0	1
395	LOAD X	512 712	7.59	23							GLOB CONC	WN	0	1
396	LOAD Y	512 712							7.59	10218	GLOB MOMT	WN	0	1
397	LOAD Y	512 712	7.59	40							GLOB CONC	WN	0	1
398	LOAD X	512 712							7.59-	31555	GLOB MOMT	WN	0	1
399	LOAD X	510 710	7.59	24							GLOB CONC	WN	0	1
400	LOAD Y	510 710							7.59	10892	GLOB MOMT	WN	0	1
401	LOAD Y	510 710	7.59	41							GLOB CONC	WN	0	1
402	LOAD X	510 710							7.59-	29258	GLOB MOMT	WN	0	1
403	LOAD X	511 711	7.59	24							GLOB CONC	WN	0	1
404	LOAD Y	511 711							7.59	10892	GLOB MOMT	WN	0	1
405	LOAD Y	511 711	7.59	41							GLOB CONC	WN	0	1
406	LOAD X	511 711							7.59-	29258	GLOB MOMT	WN	0	1
407	LOAD X	512 712	7.59	24							GLOB CONC	WN	0	1
408	LOAD Y	512 712							7.59	10892	GLOB MOMT	WN	0	1
409	LOAD Y	512 712	7.59	41							GLOB CONC	WN	0	1
410	LOAD X	512 712							7.59-	29258	GLOB MOMT	WN	0	1
411	LOAD X	501 503	22.12	17	9.27	17					GLOB UNIF	WV	0	1
412	LOAD Y	501 503	22.12	53	9.27	47					GLOB UNIF	WV	0	1
413	LOAD Z	501 503	22.12-	18	9.27-	17					GLOB UNIF	WV	0	1
414	LOAD X	301 503	31.39	17	9.27	15					GLOB UNIF	WV	0	1
415	LOAD Y	301 503	31.39	47	9.27	42					GLOB UNIF	WV	0	1
416	LOAD Z	301 503	31.39-	17	9.27-	16					GLOB UNIF	WV	0	1
417	LOAD Y	501 502	0.00	24	15.15	24					GLOB UNIF	WV	0	1
418	LOAD Z	501 502	0.00	1	4.78						GLOB UNIF	WV	0	1
419	LOAD Z	501 502	4.78		10.37-	1					GLOB UNIF	WV	0	1
420	LOAD Y	502 503	0.00	24	15.15	24					GLOB UNIF	WV	0	1
421	LOAD Z	502 503	0.00-	1	15.15-	03					GLOB UNIF	WV	0	1
422	LOAD Z	503 505	0.00-	03	7.57-	03					GLOB UNIF	WV	0	1
423	LOAD Z	503 505	7.57-	03	7.57-	02					GLOB UNIF	WV	0	1
424	LOAD Z	505 506	0.00-	02	5.05-	02					GLOB UNIF	WV	0	1
425	LOAD Z	505 506	5.05-	02	5.05-	1					GLOB UNIF	WV	0	1
426	LOAD Z	505 506	10.10-	1	5.05-	1					GLOB UNIF	WV	0	1
427	LOAD X	501 504	0.00	21	15.15	21					GLOB UNIF	WV	0	1
428	LOAD Y	501 504	0.00	12	15.15	12					GLOB UNIF	WV	0	1
429	LOAD Z	501 504	0.00	1	15.15	02					GLOB UNIF	WV	0	1
430	LOAD X	504 506	0.00	21	15.15	20					GLOB UNIF	WV	0	1
431	LOAD Y	504 506	0.00	12	15.15	12					GLOB UNIF	WV	0	1
432	LOAD Z	504 506	0.00	02	15.15	04					GLOB UNIF	WV	0	1
433	LOAD Z	502 504	0.00-	1	5.05-	1					GLOB UNIF	WV	0	1
434	LOAD Z	502 504	5.05-	1	5.05-	1					GLOB UNIF	WV	0	1
435	LOAD Z	502 504	10.10-	1	5.05						GLOB UNIF	WV	0	1
436	LOAD X	502 505	0.00	14	15.15	14					GLOB UNIF	WV	0	1
437	LOAD Y	502 505	0.00	08	15.15	08					GLOB UNIF	WV	0	1
438	LOAD Z	502 505	2.53		12.62	1					GLOB UNIF	WV	0	1
439	LOAD Y	504 505	0.00	16	15.16	16					GLOB UNIF	WV	0	1
440	LOAD Z	504 505	0.00	02	15.16	1					GLOB UNIF	WV	0	1
441	LOAD X	501 513	0.00	12	2.99	12					GLOB UNIF	WV	0	1
442	LOAD Y	501 513	0.00	21	2.99	21					GLOB UNIF	WV	0	1

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     443 LOAD Z  501 513     0.00      1  2.99      1                    GLOB UNIF     WV 0 1
     444 LOAD X  503 514     0.00-     03 2.99-     03                   GLOB UNIF     WV 0 1
     445 LOAD Y  503 514     0.00      05 2.99      05                   GLOB UNIF     WV 0 1
     446 LOAD Z  503 514     0.00-     02 2.99-     02                   GLOB UNIF     WV 0 1
     447 LOAD X  513 651     0.00      41 6.00      37                   GLOB UNIF     WV 0 1
     448 LOAD Y  513 651     0.00      71 6.00      64                   GLOB UNIF     WV 0 1
     449 LOAD A  513 651     6.00      37 6.00      33                   GLOB UNIF     WV 0 1
     450 LOAD Y  513 651     6.00      64 6.00      58                   GLOB UNIF     WV 0 1
     451 LOAD A  513 651    12.00      33 6.00      30                   GLOB UNIF     WV 0 1
     452 LOAD Y  513 651    12.00      58 6.00      52                   GLOB UNIF     WV 0 1
     453 LOAD X  514 653     0.00      39 6.00      35                   GLOB UNIF     WV 0 1
     454 LOAD Y  514 653     0.00      68 6.00      61                   GLOB UNIF     WV 0 1
     455 LOAD X  514 653     6.00      35 6.00      32                   GLOB UNIF     WV 0 1
     456 LOAD Y  514 653     6.00      61 6.00      55                   GLOB UNIF     WV 0 1
     457 LOAD A  514 653    12.00      32 6.00      29                   GLOB UNIF     WV 0 1
     458 LOAD Y  514 653    12.00      55 6.00      50                   GLOB UNIF     WV 0 1
     459 LOAD X  601 611     0.00      06 6.00      06                   GLOB UNIF     WV 0 1
     460 LOAD Z  601 611     0.00         6.00-     1                    GLOB UNIF     WV 0 1
     461 LOAD X  603 613     0.00      06 6.00      06                   GLOB UNIF     WV 0 1
     462 LOAD Z  603 613     0.00-     02 6.00-     03                   GLOB UNIF     WV 0 1
     463 LOAD A  651 661     0.00      05 5.00      05                   GLOB UNIF     WV 0 1
     464 LOAD Z  651 661     0.00-     1  5.00-     1                    GLOB UNIF     WV 0 1
     465 LOAD X  653 663     0.00      05 5.00      05                   GLOB UNIF     WV 0 1
     466 LOAD Z  653 663     0.00-     02 5.00-     02                   GLOB UNIF     WV 0 1
     467 LOAD Y  611 612     0.00      16 16.01     16                   GLOB UNIF     WV 0 1
     468 LOAD Z  611 612     0.00         16.01-    1                    GLOB UNIF     WV 0 1
     469 LOAD Y  612 613     0.00      16 16.01     16                   GLOB UNIF     WV 0 1
     470 LOAD Z  612 613     0.00-     1  16.01-    03                   GLOB UNIF     WV 0 1
     471 LOAD Y  661 662     0.00      30 17.74     29                   GLOB UNIF     WV 0 1
     472 LOAD Z  661 662     0.00-     04 17.74-    06                   GLOB UNIF     WV 0 1
     473 LOAD Y  662 663     0.00      29 17.74     29                   GLOB UNIF     WV 0 1
     474 LOAD Z  662 663     0.00-     06 17.74-    08                   GLOB UNIF     WV 0 1
     475 LOAD A  611 661     0.00      26 6.06      23                   GLOB UNIF     WV 0 1
     476 LOAD Y  611 661     0.00      47 6.06      43                   GLOB UNIF     WV 0 1
     477 LOAD Z  611 661     0.00      04 6.06      03                   GLOB UNIF     WV 0 1
     478 LOAD A  611 661     6.06      23 6.06      21                   GLOB UNIF     WV 0 1
     479 LOAD Y  611 661     6.06      43 6.06      39                   GLOB UNIF     WV 0 1
     480 LOAD Z  611 661     6.06      03 6.06      03                   GLOB UNIF     WV 0 1
     481 LOAD A  612 662     0.00      16 6.00      16                   GLOB UNIF     WV 0 1
     482 LOAD Y  612 662     0.00      31 6.00      28                   GLOB UNIF     WV 0 1
     483 LOAD X  612 662     6.00      16 6.00      15                   GLOB UNIF     WV 0 1
     484 LOAD Y  612 662     6.00      28 6.00      25                   GLOB UNIF     WV 0 1
     485 LOAD X  613 663     0.00      27 6.06      25                   GLOB UNIF     WV 0 1
     486 LOAD Y  613 663     0.00      45 6.06      41                   GLOB UNIF     WV 0 1
     487 LOAD Z  613 663     0.00-     04 6.06-     04                   GLOB UNIF     WV 0 1
     488 LOAD A  613 663     6.06      25 6.06      22                   GLOB UNIF     WV 0 1
     489 LOAD Y  613 663     6.06      41 6.06      37                   GLOB UNIF     WV 0 1
     490 LOAD Z  613 663     6.06-     04 6.06-     03                   GLOB UNIF     WV 0 1
     491 LOAD A  501 622     0.00      05 10.21     05                   GLOB UNIF     WV 0 1
     492 LOAD Y  501 622     0.00      29 10.21     27                   GLOB UNIF     WV 0 1
```

```
LINE NO, 1...5....0....5....0....5....0....
```

LINE NO.																	
543	LOAD	Z	702	705	0.00-	02	16.75						GLOB	UNIF	WV	0	1
544	LOAD	Y	704	705	0.00	17	18.76	17					GLOB	UNIF	WV	0	1
545	LOAD	Z	704	705	0.00	1	14.74						GLOB	UNIF	WV	0	1
546	LOAD	X	701	806	0.00	25	16.72	21					GLOB	UNIF	WV	0	1
547	LOAD	Y	701	806	0.00	18	16.72	16					GLOB	UNIF	WV	0	1
548	LOAD	Z	701	806	0.00	07	16.72	07					GLOB	UNIF	WV	0	1
549	LOAD	X	701	806	16.72	21	16.72	18					GLOB	UNIF	WV	0	1
550	LOAD	Y	701	806	16.72	16	16.72	14					GLOB	UNIF	WV	0	1
551	LOAD	Z	701	806	16.72	07	16.72	07					GLOB	UNIF	WV	0	1
552	LOAD	X	701	806	33.44	18	16.72	15					GLOB	UNIF	WV	0	1
553	LOAD	Y	701	806	33.44	14	16.72	12					GLOB	UNIF	WV	0	1
554	LOAD	Z	701	806	33.44	07	16.72	06					GLOB	UNIF	WV	0	1
555	LOAD	X	703	801	0.00	03	16.72	03					GLOB	UNIF	WV	0	1
556	LOAD	Y	703	801	0.00	31	16.72	27					GLOB	UNIF	WV	0	1
557	LOAD	Z	703	801	0.00	1	16.72	02					GLOB	UNIF	WV	0	1
558	LOAD	X	703	801	16.72	03	16.72	03					GLOB	UNIF	WV	0	1
559	LOAD	Y	703	801	16.72	27	16.72	24					GLOB	UNIF	WV	0	1
560	LOAD	Z	703	801	16.72	02	16.72	03					GLOB	UNIF	WV	0	1
561	LOAD	X	703	801	33.44	03	16.72	03					GLOB	UNIF	WV	0	1
562	LOAD	Y	703	801	33.44	24	16.72	21					GLOB	UNIF	WV	0	1
563	LOAD	Z	703	801	33.44	03	16.72	03					GLOB	UNIF	WV	0	1
564	LOAD	X	706	803	0.00	03	50.16	03					GLOB	UNIF	WV	0	1
565	LOAD	Y	706	803	0.00	06	50.16	06					GLOB	UNIF	WV	0	1
566	LOAD	Z	706	803	0.00-	10	50.16-	10					GLOB	UNIF	WV	0	1
567	LOAD	Y	801	802	0.00	13	22.79	13					GLOB	UNIF	WV	0	1
568	LOAD	Z	801	802	0.00-	1	22.79-	02					GLOB	UNIF	WV	0	1
569	LOAD	Y	802	803	0.00	13	22.79	13					GLOB	UNIF	WV	0	1
570	LOAD	Z	802	803	0.00-	02	22.79-	03					GLOB	UNIF	WV	0	1
571	LOAD	Z	803	805	0.00-	02	22.79-	02					GLOB	UNIF	WV	0	1
572	LOAD	Z	805	806	0.00-	02	11.40-	02					GLOB	UNIF	WV	0	1
573	LOAD	Z	805	806	11.40-	02	11.40-	1					GLOB	UNIF	WV	0	1
574	LOAD	X	801	804	0.00	12	22.79	11					GLOB	UNIF	WV	0	1
575	LOAD	Y	801	804	0.00	07	22.79	07					GLOB	UNIF	WV	0	1
576	LOAD	Z	801	804	0.00-	1	22.79						GLOB	UNIF	WV	0	1
577	LOAD	X	804	806	0.00	11	22.80	11					GLOB	UNIF	WV	0	1
578	LOAD	Y	804	806	0.00	07	22.80	06					GLOB	UNIF	WV	0	1
579	LOAD	Z	804	806	2.28		20.52	1					GLOB	UNIF	WV	0	1
580	LOAD	Z	802	804	0.00-	02	11.40-	1					GLOB	UNIF	WV	0	1
581	LOAD	Z	802	804	11.40-	1	11.40-	1					GLOB	UNIF	WV	0	1
582	LOAD	X	802	805	0.00	09	22.80	09					GLOB	UNIF	WV	0	1
583	LOAD	Y	802	805	0.00	05	22.80	05					GLOB	UNIF	WV	0	1
584	LOAD	Z	802	805	0.00-	1	22.80						GLOB	UNIF	WV	0	1
585	LOAD	Y	804	805	0.00	10	22.80	11					GLOB	UNIF	WV	0	1
586	LOAD	X	801	903	0.00	04	19.87	03					GLOB	UNIF	WV	0	1
587	LOAD	Y	801	903	0.00	18	19.87	16					GLOB	UNIF	WV	0	1
588	LOAD	Z	801	903	0.00-	07	19.87-	07					GLOB	UNIF	WV	0	1
589	LOAD	X	801	903	19.87	03	19.87	03					GLOB	UNIF	WV	0	1
590	LOAD	Y	801	903	19.87	16	19.87	13					GLOB	UNIF	WV	0	1
591	LOAD	Z	801	903	19.87-	07	19.87-	06					GLOB	UNIF	WV	0	1
592	LOAD	X	801	903	39.73	03	19.87	03					GLOB	UNIF	WV	0	1

LINE NO.																					
593	LOAD	Y	801	903	39.73		13	19.87		11					GLOB	UNIF		WV	0	1
594	LOAD	Z	801	903	39.73-		06	19.87-		05					GLOB	UNIF		WV	0	1
595	LOAD	X	803	906	0.00		1	19.87		02					GLOB	UNIF		WV	0	1
596	LOAD	Y	803	906	0.00			19.87		02					GLOB	UNIF		WV	0	1
597	LOAD	Z	803	906	0.00		1	19.87		03					GLOB	UNIF		WV	0	1
598	LOAD	X	803	906	19.87		02	19.87		02					GLOB	UNIF		WV	0	1
599	LOAD	Y	803	906	19.87		02	19.87		02					GLOB	UNIF		WV	0	1
600	LOAD	Z	803	906	19.87		03	19.87		04					GLOB	UNIF		WV	0	1
601	LOAD	X	803	906	39.73		02	19.87		02					GLOB	UNIF		WV	0	1
602	LOAD	Y	803	906	39.73		02	19.87		02					GLOB	UNIF		WV	0	1
603	LOAD	Z	803	906	39.73		04	19.87		05					GLOB	UNIF		WV	0	1
604	LOAD	X	806	901	0.00		14	19.87		13					GLOB	UNIF		WV	0	1
605	LOAD	Y	806	901	0.00		13	19.87		12					GLOB	UNIF		WV	0	1
606	LOAD	Z	806	901	0.00-		04	19.87-		04					GLOB	UNIF		WV	0	1
607	LOAD	X	806	901	19.87		13	19.87		11					GLOB	UNIF		WV	0	1
608	LOAD	Y	806	901	19.87		12	19.87		10					GLOB	UNIF		WV	0	1
609	LOAD	Z	806	901	19.87-		04	19.87-		04					GLOB	UNIF		WV	0	1
610	LOAD	X	806	901	39.74		11	19.87		10					GLOB	UNIF		WV	0	1
611	LOAD	Y	806	901	39.74		10	19.87		09					GLOB	UNIF		WV	0	1
612	LOAD	Z	806	901	39.74-		04	19.87-		04					GLOB	UNIF		WV	0	1
613	LOAD	Y	901	902	0.00		10	27.42		09					GLOB	UNIF		WV	0	1
614	LOAD	Z	901	902	0.00-		1	27.42-		1					GLOB	UNIF		WV	0	1
615	LOAD	Y	902	903	0.00		09	27.42		09					GLOB	UNIF		WV	0	1
616	LOAD	Z	902	903	0.00-		1	27.42-		02					GLOB	UNIF		WV	0	1
617	LOAD	Z	903	905	0.00-		1	27.41-		1					GLOB	UNIF		WV	0	1
618	LOAD	Z	905	906	0.00-		1	27.42-		1					GLOB	UNIF		WV	0	1
619	LOAD	X	901	904	0.00		08	27.41		08					GLOB	UNIF		WV	0	1
620	LOAD	Y	901	904	0.00		05	27.41		05					GLOB	UNIF		WV	0	1
621	LOAD	Z	901	904	0.00-		1	27.41							GLOB	UNIF		WV	0	1
622	LOAD	X	904	906	0.00		08	27.42		08					GLOB	UNIF		WV	0	1
623	LOAD	Y	904	906	0.00		05	27.42		05					GLOB	UNIF		WV	0	1
624	LOAD	Z	902	904	0.00-		1	27.41-		1					GLOB	UNIF		WV	0	1
625	LOAD	X	902	905	0.00		06	27.41		06					GLOB	UNIF		WV	0	1
626	LOAD	Y	902	905	0.00		03	27.41		03					GLOB	UNIF		WV	0	1
627	LOAD	Z	902	905	0.00-		1	27.41							GLOB	UNIF		WV	0	1
628	LOAD	Y	904	905	0.00		07	27.42		07					GLOB	UNIF		WV	0	1
629	LOAD	X	9011002		0.00		04	14.08		03					GLOB	UNIF		WV	0	1
630	LOAD	Y	9011002		0.00		11	14.08		10					GLOB	UNIF		WV	0	1
631	LOAD	Z	9011002		0.00-		04	14.08-		04					GLOB	UNIF		WV	0	1
632	LOAD	X	9011002		14.08		03	14.08		03					GLOB	UNIF		WV	0	1
633	LOAD	Y	9011002		14.08		10	14.08		09					GLOB	UNIF		WV	0	1
634	LOAD	Z	9011002		14.08-		04	14.08-		03					GLOB	UNIF		WV	0	1
635	LOAD	X	9011002		28.15		03	14.08		02					GLOB	UNIF		WV	0	1
636	LOAD	Y	9011002		28.15		09	14.08		07					GLOB	UNIF		WV	0	1
637	LOAD	Z	9011002		28.15-		03	14.08-		02					GLOB	UNIF		WV	0	1
638	LOAD	X	9031002		0.00		03	14.08		03					GLOB	UNIF		WV	0	1
639	LOAD	Y	9031002		0.00		11	14.08		10					GLOB	UNIF		WV	0	1
640	LOAD	Z	9031002		0.00		02	14.08		02					GLOB	UNIF		WV	0	1
641	LOAD	X	9031002		14.08		03	14.08		03					GLOB	UNIF		WV	0	1
642	LOAD	Y	9031002		14.08		10	14.08		09					GLOB	UNIF		WV	0	1

```
                        1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

  643  LOAD Z  9031002   14.08     02  14.08     02                GLOB UNIF     WV 0 1
  644  LOAD X  9031002   28.15     03  14.08     03                GLOB UNIF     WV 0 1
  645  LOAD Y  9031002   28.15     09  14.08     08                GLOB UNIF     WV 0 1
  646  LOAD Z  9031002   28.15     02  14.08     02                GLOB UNIF     WV 0 1
  647  LOAD X  9031005    0.00     03  14.08     03                GLOB UNIF     WV 0 1
  648  LOAD Y  9031005    0.00     03  14.08     04                GLOB UNIF     WV 0 1
  649  LOAD Z  9031005    0.00     04  14.08     04                GLOB UNIF     WV 0 1
  650  LOAD X  9031005   14.08     03  14.08     03                GLOB UNIF     WV 0 1
  651  LOAD Y  9031005   14.08     04  14.08     04                GLOB UNIF     WV 0 1
  652  LOAD Z  9031005   14.08     04  14.08     04                GLOB UNIF     WV 0 1
  653  LOAD X  9031005   28.15     03  14.08     03                GLOB UNIF     WV 0 1
  654  LOAD Y  9031005   28.15     04  14.08     04                GLOB UNIF     WV 0 1
  655  LOAD Z  9031005   28.15     04  14.08     04                GLOB UNIF     WV 0 1
  656  LOAD X  9061005    0.00     03  14.07     03                GLOB UNIF     WV 0 1
  657  LOAD Y  9061005    0.00     05  14.07     05                GLOB UNIF     WV 0 1
  658  LOAD Z  9061005    0.00-    05  14.07-    05                GLOB UNIF     WV 0 1
  659  LOAD X  9061005   14.07     03  14.07     02                GLOB UNIF     WV 0 1
  660  LOAD Y  9061005   14.07     05  14.07     05                GLOB UNIF     WV 0 1
  661  LOAD Z  9061005   14.07-    05  14.07-    05                GLOB UNIF     WV 0 1
  662  LOAD X  9061005   28.15     02  14.07     02                GLOB UNIF     WV 0 1
  663  LOAD Y  9061005   28.15     05  14.07     04                GLOB UNIF     WV 0 1
  664  LOAD Z  9061005   28.15-    05  14.07-    04                GLOB UNIF     WV 0 1
  665  LOAD X  9011004    0.00     08  14.08     07                GLOB UNIF     WV 0 1
  666  LOAD Y  9011004    0.00     08  14.08     08                GLOB UNIF     WV 0 1
  667  LOAD Z  9011004    0.00     03  14.08     03                GLOB UNIF     WV 0 1
  668  LOAD X  9011004   14.08     07  14.08     07                GLOB UNIF     WV 0 1
  669  LOAD Y  9011004   14.08     08  14.08     07                GLOB UNIF     WV 0 1
  670  LOAD Z  9011004   14.08     03  14.08     03                GLOB UNIF     WV 0 1
  671  LOAD X  9011004   28.15     07  14.08     06                GLOB UNIF     WV 0 1
  672  LOAD Y  9011004   28.15     07  14.08     06                GLOB UNIF     WV 0 1
  673  LOAD Z  9011004   28.15     03  14.08     03                GLOB UNIF     WV 0 1
  674  LOAD X  9061004    0.00     08  14.07     07                GLOB UNIF     WV 0 1
  675  LOAD Y  9061004    0.00     09  14.07     09                GLOB UNIF     WV 0 1
  676  LOAD Z  9061004    0.00-    03  14.07-    02                GLOB UNIF     WV 0 1
  677  LOAD X  9061004   14.07     07  14.07     07                GLOB UNIF     WV 0 1
  678  LOAD Y  9061004   14.07     09  14.07     08                GLOB UNIF     WV 0 1
  679  LOAD Z  9061004   14.07-    02  14.07-    02                GLOB UNIF     WV 0 1
  680  LOAD X  9061004   28.15     07  14.07     06                GLOB UNIF     WV 0 1
  681  LOAD Y  9061004   28.15     08  14.07     07                GLOB UNIF     WV 0 1
  682  LOAD Z  9061004   28.15-    02  14.07-    02                GLOB UNIF     WV 0 1
  683  LOAD Y 10011002    0.00     08  32.04     08                GLOB UNIF     WV 0 1
  684  LOAD Y 10021003    0.00     08  32.04     07                GLOB UNIF     WV 0 1
  685  LOAD X 10011004    0.00     07  32.04     07                GLOB UNIF     WV 0 1
  686  LOAD Y 10011004    0.00     04  32.04     04                GLOB UNIF     WV 0 1
  687  LOAD X 10041006    0.00     07  32.04     07                GLOB UNIF     WV 0 1
  688  LOAD Y 10041006    0.00     04  32.04     04                GLOB UNIF     WV 0 1
  689  LOAD X 10021005    0.00     05  32.04     05                GLOB UNIF     WV 0 1
  690  LOAD Y 10021005    0.00     03  32.04     03                GLOB UNIF     WV 0 1
  691  LOAD Y 10041005    0.00     06  32.04     06                GLOB UNIF     WV 0 1
  692  LOAD X  301 401   15.85     41   4.22     38                GLOB UNIF     WV 0 1
```

```
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
  693  LOAD Y  301 401   15.85      72   4.22      66                    GLOB UNIF     WY 0 1
  694  LOAD X  301 401   20.06      38   4.22      35                    GLOB UNIF     WY 0 1
  695  LOAD Y  301 401   20.06      66   4.22      61                    GLOB UNIF     WY 0 1
  696  LOAD X  301 401   24.28      35   4.22      33                    GLOB UNIF     WY 0 1
  697  LOAD Y  301 401   24.28      61   4.22      57                    GLOB UNIF     WY 0 1
  698  LOAD X  303 403   15.21      42   4.43      38                    GLOB UNIF     WY 0 1
  699  LOAD Y  303 403   15.21      72   4.43      66                    GLOB UNIF     WY 0 1
  700  LOAD X  303 403   19.64      38   4.43      35                    GLOB UNIF     WY 0 1
  701  LOAD Y  303 403   19.64      66   4.43      61                    GLOB UNIF     WY 0 1
  702  LOAD X  303 403   24.07      35   4.43      32                    GLOB UNIF     WY 0 1
  703  LOAD Y  303 403   24.07      61   4.43      56                    GLOB UNIF     WY 0 1
  704  LOAD X  305 405   17.56      38   5.46      34                    GLOB UNIF     WY 0 1
  705  LOAD Y  305 405   17.56      66   5.46      59                    GLOB UNIF     WY 0 1
  706  LOAD X  305 405   23.04      34   5.46      31                    GLOB UNIF     WY 0 1
  707  LOAD Y  305 405   23.04      59   5.46      54                    GLOB UNIF     WY 0 1
  708  LOAD X  401 501    0.00      51   4.56      47                    GLOB UNIF     WY 0 1
  709  LOAD Y  401 501    0.00      94   4.56      87                    GLOB UNIF     WY 0 1
  710  LOAD X  403 503    0.00      53   4.56      49                    GLOB UNIF     WY 0 1
  711  LOAD Y  403 503    0.00      90   4.56      83                    GLOB UNIF     WY 0 1
  712  LOAD Z  403 503    0.00-     15   4.56-     14                    GLOB UNIF     WY 0 1
  713  LOAD X  405 505    0.00      54   4.56      50                    GLOB UNIF     WY 0 1
  714  LOAD Y  405 505    0.00      90   4.56      83                    GLOB UNIF     WY 0 1
  715  LOAD Z  405 505    0.00      15   4.56      14                    GLOB UNIF     WY 0 1
  716  LOAD X  501 601    0.00      47   6.08      42                    GLOB UNIF     WY 0 1
  717  LOAD Y  501 601    0.00      86   6.08      78                    GLOB UNIF     WY 0 1
  718  LOAD X  503 603    0.00      49   3.04      46                    GLOB UNIF     WY 0 1
  719  LOAD Y  503 603    0.00      82   3.04      78                    GLOB UNIF     WY 0 1
  720  LOAD Z  503 603    0.00-     14   3.04-     13                    GLOB UNIF     WY 0 1
  721  LOAD X  503 603    3.04      46   3.04      44                    GLOB UNIF     WY 0 1
  722  LOAD Y  503 603    3.04      78   3.04      74                    GLOB UNIF     WY 0 1
  723  LOAD Z  503 603    3.04-     13   3.04-     12                    GLOB UNIF     WY 0 1
  724  LOAD X  505 605    0.00      44   6.08      44                    GLOB UNIF     WY 0 1
  725  LOAD Y  505 605.   0.00      82   6.08      74                    GLOB UNIF     WY 0 1
  726  LOAD Z  505 605    0.00      14   6.08      13                    GLOB UNIF     WY 0 1
  727  LOAD X  601 621    0.00      42   6.08      38                    GLOB UNIF     WY 0 1
  728  LOAD Y  601 621    0.00      78   6.08      70                    GLOB UNIF     WY 0 1
  729  LOAD X  603 623    0.00      44   6.08      40                    GLOB UNIF     WY 0 1
  730  LOAD Y  603 623    0.00      74   6.08      66                    GLOB UNIF     WY 0 1
  731  LOAD Z  603 623    0.00-     13   6.08-     11                    GLOB UNIF     WY 0 1
  732  LOAD X  605 625    0.00      44   6.08      40                    GLOB UNIF     WY 0 1
  733  LOAD Y  605 625    0.00      74   6.08      67                    GLOB UNIF     WY 0 1
  734  LOAD Z  605 625    0.00      12   6.08      11                    GLOB UNIF     WY 0 1
  735  LOAD X  621 651    0.00      54   6.08      49                    GLOB UNIF     WY 0 1
  736  LOAD Y  621 651    0.00     105   6.08      95                    GLOB UNIF     WY 0 1
  737  LOAD Z  621 651    0.00-      1   6.08-      1                    GLOB UNIF     WY 0-1
  738  LOAD X  623 653    0.00      59   3.04      56                    GLOB UNIF     WY 0 1
  739  LOAD Y  623 653    0.00      96   3.04      91                    GLOB UNIF     WY 0 1
  740  LOAD Z  623 653    0.00-     16   3.04-     16                    GLOB UNIF     WY 0 1
  741  LOAD X  625 655    3.04      56   3.04      53                    GLOB UNIF     WY 0 1
  742  LOAD Y  623 653    3.04      91   3.04      86                    GLOB UNIF     WY 0 1
```

LINE NO.																		
743	LOAD	Z	623	653	3.04-	16	3.04-	15					GLOB	UNIF		WV	0	1
744	LOAD	X	626	656	0.00	61	6.08	55					GLOB	UNIF		WV	0	1
745	LOAD	Y	626	656	0.00	100	6.08	91					GLOB	UNIF		WV	0	1
746	LOAD	Z	626	656	0.00	17	6.08	15					GLOB	UNIF		WV	0	1
747	LOAD	X	651	701	0.00	49	3.55	46					GLOB	UNIF		WV	0	1
748	LOAD	Y	651	701	0.00	95	3.55	89					GLOB	UNIF		WV	0	1
749	LOAD	Z	651	701	0.00-	1	3.55-	1					GLOB	UNIF		WV	0	1
750	LOAD	X	651	701	3.55	46	3.55	43					GLOB	UNIF		WV	0	1
751	LOAD	Y	651	701	3.55	89	3.55	84					GLOB	UNIF		WV	0	1
752	LOAD	Z	651	701	3.55-	1	3.55-	1					GLOB	UNIF		WV	0	1
753	LOAD	X	653	703	0.00	53	3.55	49					GLOB	UNIF		WV	0	1
754	LOAD	Y	653	703	0.00	86	3.55	81					GLOB	UNIF		WV	0	1
755	LOAD	Z	653	703	0.00-	15	3.55-	14					GLOB	UNIF		WV	0	1
756	LOAD	X	653	703	3.55	49	3.55	46					GLOB	UNIF		WV	0	1
757	LOAD	Y	653	703	3.55	81	3.55	75					GLOB	UNIF		WV	0	1
758	LOAD	Z	653	703	3.55-	14	3.55-	13					GLOB	UNIF		WV	0	1
759	LOAD	X	656	706	0.00	55	3.55	52					GLOB	UNIF		WV	0	1
760	LOAD	Y	656	706	0.00	91	3.55	86					GLOB	UNIF		WV	0	1
761	LOAD	Z	656	706	0.00	15	3.55	14					GLOB	UNIF		WV	0	1
762	LOAD	X	656	706	3.55	52	3.55	49					GLOB	UNIF		WV	0	1
763	LOAD	Y	656	706	3.55	86	3.55	81					GLOB	UNIF		WV	0	1
764	LOAD	Z	656	706	3.55	14	3.55	13					GLOB	UNIF		WV	0	1
765	LOAD	X	701	801	0.00	42	9.46	35					GLOB	UNIF		WV	0	1
766	LOAD	Y	701	801	0.00	80	9.46	68					GLOB	UNIF		WV	0	1
767	LOAD	Z	701	801	0.00-	1	9.46-	1					GLOB	UNIF		WV	0	1
768	LOAD	X	701	801	9.46	35	9.46	30					GLOB	UNIF		WV	0	1
769	LOAD	Y	701	801	9.46	68	9.46	58					GLOB	UNIF		WV	0	1
770	LOAD	Z	701	801	9.46-	1	9.46						GLOB	UNIF		WV	0	1
771	LOAD	X	701	801	18.92	30	9.46	26					GLOB	UNIF		WV	0	1
772	LOAD	Y	701	801	18.92	58	9.46	50					GLOB	UNIF		WV	0	1
773	LOAD	X	703	803	0.00	44	9.46	37					GLOB	UNIF		WV	0	1
774	LOAD	Y	703	803	0.00	72	9.46	60					GLOB	UNIF		WV	0	1
775	LOAD	Z	703	803	0.00-	12	9.46-	10					GLOB	UNIF		WV	0	1
776	LOAD	X	703	803	9.46	37	9.46	31					GLOB	UNIF		WV	0	1
777	LOAD	Y	703	803	9.46	60	9.46	51					GLOB	UNIF		WV	0	1
778	LOAD	Z	703	803	9.46-	10	9.46-	09					GLOB	UNIF		WV	0	1
779	LOAD	X	703	803	18.92	31	9.46	26					GLOB	UNIF		WV	0	1
780	LOAD	Y	703	803	18.92	51	9.46	43					GLOB	UNIF		WV	0	1
781	LOAD	Z	703	803	18.92-	09	9.46-	07					GLOB	UNIF		WV	0	1
782	LOAD	X	706	806	0.00	47	9.46	40					GLOB	UNIF		WV	0	1
783	LOAD	Y	706	806	0.00	77	9.46	65					GLOB	UNIF		WV	0	1
784	LOAD	Z	706	806	0.00	13	9.46	11					GLOB	UNIF		WV	0	1
785	LOAD	X	706	806	9.46	40	9.46	34					GLOB	UNIF		WV	0	1
786	LOAD	Y	706	806	9.46	65	9.46	56					GLOB	UNIF		WV	0	1
787	LOAD	Z	706	806	9.46	11	9.46	09					GLOB	UNIF		WV	0	1
788	LOAD	X	706	806	18.92	34	9.46	30					GLOB	UNIF		WV	0	1
789	LOAD	Y	706	806	18.92	56	9.46	49					GLOB	UNIF		WV	0	1
790	LOAD	Z	706	806	18.92	09	9.46	08					GLOB	UNIF		WV	0	1
791	LOAD	X	801	901	0.00	26	10.61	24					GLOB	UNIF		WV	0	1
792	LOAD	Y	801	901	0.00	50	10.61	43					GLOB	UNIF		WV	0	1

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

  793 LOAD X  801 901   10.81     22  10.81     20                    GLOB UNIF     WV 0 1
  794 LOAD Y  801 901   10.81     43  10.81     38                    GLOB UNIF     WV 0 1
  795 LOAD X  801 901   21.63     20  10.81     17                    GLOB UNIF     WV 0 1
  796 LOAD Y  801 901   21.63     38  10.81     33                    GLOB UNIF     WV 0 1
  797 LOAD X  803 903    0.00     26  10.81     22                    GLOB UNIF     WV 0 1
  798 LOAD Y  803 903    0.00     43  10.81     36                    GLOB UNIF     WV 0 1
  799 LOAD Z  803 903    0.00-    07  10.81-    06                    GLOB UNIF     WV 0 1
  800 LOAD X  803 903   10.81     22  10.81     18                    GLOB UNIF     WV 0 1
  801 LOAD Y  803 903   10.81     36  10.81     30                    GLOB UNIF     WV 0 1
  802 LOAD Z  803 903   10.81-    06  10.81-    05                    GLOB UNIF     WV 0 1
  803 LOAD X  803 903   21.63     18  10.81     15                    GLOB UNIF     WV 0 1
  804 LOAD Y  803 903   21.63     30  10.81     25                    GLOB UNIF     WV 0 1
  805 LOAD Z  803 903   21.63-    05  10.81-    04                    GLOB UNIF     WV 0 1
  806 LOAD X  806 906    0.00     30  10.81     26                    GLOB UNIF     WV 0 1
  807 LOAD Y  806 906    0.00     49  10.81     43                    GLOB UNIF     WV 0 1
  808 LOAD Z  806 906    0.00     08  10.81     07                    GLOB UNIF     WV 0 1
  809 LOAD X  806 906   10.81     26  10.81     23                    GLOB UNIF     WV 0 1
  810 LOAD Y  806 906   10.81     43  10.81     37                    GLOB UNIF     WV 0 1
  811 LOAD Z  806 906   10.81     07  10.81     06                    GLOB UNIF     WV 0 1
  812 LOAD X  806 906   21.63     25  10.81     20                    GLOB UNIF     WV 0 1
  813 LOAD Y  806 906   21.63     37  10.81     33                    GLOB UNIF     WV 0 1
  814 LOAD Z  806 906   21.63     06  10.81     06                    GLOB UNIF     WV 0 1
  815 LOAD X  9011001    0.00     17  10.81     16                    GLOB UNIF     WV 0 1
  816 LOAD Y  9011001    0.00     33  10.81     29                    GLOB UNIF     WV 0 1
  817 LOAD X  9011001   10.81     16  10.81     15                    GLOB UNIF     WV 0 1
  818 LOAD Y  9011001   10.81     29  10.81     26                    GLOB UNIF     WV 0 1
  819 LOAD X  9011001   21.63     15  10.81     13                    GLOB UNIF     WV 0 1
  820 LOAD Y  9011001   21.63     26  10.81     23                    GLOB UNIF     WV 0 1
  821 LOAD X  9031003    0.00     15  10.81     13                    GLOB UNIF     WV 0 1
  822 LOAD Y  9031003    0.00     25  10.81     21                    GLOB UNIF     WV 0 1
  823 LOAD Z  9031003    0.00-    04  10.81-    04                    GLOB UNIF     WV 0 1
  824 LOAD X  9031003   10.81     13  10.81     11                    GLOB UNIF     WV 0 1
  825 LOAD Y  9031003   10.81     21  10.81     18                    GLOB UNIF     WV 0 1
  826 LOAD Z  9031003   10.81-    04  10.81-    03                    GLOB UNIF     WV 0 1
  827 LOAD X  9031003   21.63     11  10.81     08                    GLOB UNIF     WV 0 1
  828 LOAD Y  9031003   21.63     18  10.81     14                    GLOB UNIF     WV 0 1
  829 LOAD Z  9031003   21.63-    03  10.81-    02                    GLOB UNIF     WV 0 1
  830 LOAD X  9061006    0.00     20  10.81     18                    GLOB UNIF     WV 0 1
  831 LOAD Y  9061006    0.00     33  10.81     31                    GLOB UNIF     WV 0 1
  832 LOAD Z  9061006    0.00     06  10.81     05                    GLOB UNIF     WV 0 1
  833 LOAD X  9061006   10.81     18  10.81     17                    GLOB UNIF     WV 0 1
  834 LOAD Y  9061006   10.81     31  10.81     28                    GLOB UNIF     WV 0 1
  835 LOAD Z  9061006   10.81     05  10.81     05                    GLOB UNIF     WV 0 1
  836 LOAD X  9061006   21.63     17  10.81     15                    GLOB UNIF     WV 0 1
  837 LOAD Y  9061006   21.63     28  10.81     25                    GLOB UNIF     WV 0 1
  838 LOAD Z  9061006   21.63     05  10.81     04                    GLOB UNIF     WV 0 1
  839 LOADCN  2
  840 LOAD Y  510 710    7.59     46                                    GLOB CONC     WN 0 2
  841 LOAD X  510 710                                  7.59- 36436     GLOB MOMT     WN 0 2
  842 LOAD Y  511 711    7.59     46                                    GLOB CONC     WN 0 2
```

LINE NO.	1...5	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 0...5...0...5...0...5...0...5...0...5...0...5...0...5...0...5...0														
843	LOAD A	511	711							7.59-	36436	GLOB	MOMT	WN	0	2
844	LOAD Y	512	712	7.59		46						GLOB	CONC	WN	0	2
845	LOAD A	512	712							7.59-	36436	GLOB	MOMT	WN	0	2
846	LOAD Y	510	710	7.59		47						GLOB	CONC	WN	0	2
847	LOAD A	510	710							7.59-	33705	GLOB	MOMT	WN	0	2
848	LOAD Y	511	711	7.59		47						GLOB	CONC	WN	0	2
849	LOAD A	511	711							7.59-	33705	GLOB	MOMT	WN	0	2
850	LOAD Y	512	712	7.59		47						GLOB	CONC	WN	0	2
851	LOAD A	512	712							7.59-	33705	GLOB	MOMT	WN	0	2
852	LOAD A	301	403	22.25		1	6.14	1				GLOB	UNIF	WV	0	2
853	LOAD Y	301	403	22.25		57	6.14	61				GLOB	UNIF	WV	0	2
854	LOAD Z	301	403	22.25-		1	6.14-	1				GLOB	UNIF	WV	0	2
855	LOAD A	301	403	28.39		1	6.14	1				GLOB	UNIF	WV	0	2
856	LOAD Y	301	403	28.39		61	6.14	57				GLOB	UNIF	WV	0	2
857	LOAD Z	301	403	28.39-		1	6.14-	1				GLOB	UNIF	WV	0	2
858	LOAD A	301	403	34.52		1	6.14	1				GLOB	UNIF	WV	0	2
859	LOAD Y	301	403	34.52		57	6.14	52				GLOB	UNIF	WV	0	2
860	LOAD Z	301	403	34.52-		1	6.14-	1				GLOB	UNIF	WV	0	2
861	LOAD Y	501	502	0.00		32	15.15	32				GLOB	UNIF	WV	0	2
862	LOAD Y	502	503	0.00		32	15.15	32				GLOB	UNIF	WV	0	2
863	LOAD A	503	505	0.00-		07	15.15-	07				GLOB	UNIF	WV	0	2
864	LOAD Y	503	505	0.00		04	15.15	04				GLOB	UNIF	WV	0	2
865	LOAD Z	503	505	0.00-		1	10.82					GLOB	UNIF	WV	0	2
866	LOAD Z	503	505	10.82			4.33	1				GLOB	UNIF	WV	0	2
867	LOAD A	505	506	0.00-		07	15.15-	08				GLOB	UNIF	WV	0	2
868	LOAD Y	505	506	0.00		04	15.15	04				GLOB	UNIF	WV	0	2
869	LOAD Z	505	505	0.00		1	15.15	03				GLOB	UNIF	WV	0	2
870	LOAD A	501	504	0.00		07	15.15	07				GLOB	UNIF	WV	0	2
871	LOAD Y	501	504	0.00		04	15.15	04				GLOB	UNIF	WV	0	2
872	LOAD Z	501	504	0.00-		1	10.82					GLOB	UNIF	WV	0	2
873	LOAD Z	501	504	10.82			4.33	1				GLOB	UNIF	WV	0	2
874	LOAD A	504	506	0.00		07	15.15	08				GLOB	UNIF	WV	0	2
875	LOAD Y	504	506	0.00		04	15.15	04				GLOB	UNIF	WV	0	2
876	LOAD Z	504	505	0.00		1	15.15	03				GLOB	UNIF	WV	0	2
877	LOAD A	502	504	0.00-		05	15.15-	05				GLOB	UNIF	WV	0	2
878	LOAD Y	502	504	0.00		03	15.15	03				GLOB	UNIF	WV	0	2
879	LOAD Z	502	504	3.25			11.91	1				GLOB	UNIF	WV	0	2
880	LOAD A	502	505	0.00		05	15.15	05				GLOB	UNIF	WV	0	2
881	LOAD Y	502	505	0.00		03	15.15	03				GLOB	UNIF	WV	0	2
882	LOAD Z	502	505	3.25			11.91	1				GLOB	UNIF	WV	0	2
883	LOAD Y	504	505	0.00		21	15.16	21				GLOB	UNIF	WV	0	2
884	LOAD Z	504	505	0.00		03	15.16	03				GLOB	UNIF	WV	0	2
885	LOAD A	501	513	0.00		09	2.99	09				GLOB	UNIF	WV	0	2
886	LOAD Y	501	513	0.00		15	2.99	15				GLOB	UNIF	WV	0	2
887	LOAD A	503	514	0.00-		09	2.99-	09				GLOB	UNIF	WV	0	2
888	LOAD Y	503	514	0.00		15	2.99	15				GLOB	UNIF	WV	0	2
889	LOAD Y	513	651	0.00		61	6.00	73				GLOB	UNIF	WV	0	2
890	LOAD Y	513	651	6.00		73	6.00	66				GLOB	UNIF	WV	0	2
891	LOAD Y	513	651	12.00		66	6.00	60				GLOB	UNIF	WV	0	2
892	LOAD Y	514	653	0.00		81	6.00	73				GLOB	UNIF	WV	0	2

```
                        1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    893 LOAD Y  514 653    0.00   73   6.00   66                GLOB UNIF   WV 0 2
    894 LOAD Y  514 653   12.00   66   6.00   60                GLOB UNIF   WV 0 2
    895 LOAD Z  601 611    0.00-  02   0.00-  02                GLOB UNIF   WV 0 2
    896 LOAD Z  603 613    0.00-  02   0.00-  02                GLOB UNIF   WV 0 2
    897 LOAD Z  651 601    0.00-  02   5.00-  02                GLOB UNIF   WV 0 2
    898 LOAD Z  653 603    0.00-  02   5.00-  02                GLOB UNIF   WV 0 2
    899 LOAD Y  611 612    0.00   22  10.01   22                GLOB UNIF   WV 0 2
    900 LOAD Z  611 612    0.00-   1  10.01-   1                GLOB UNIF   WV 0 2
    901 LOAD Y  612 613    0.00   22  10.01   22                GLOB UNIF   WV 0 2
    902 LOAD Z  612 613    0.00-   1  10.01-   1                GLOB UNIF   WV 0 2
    903 LOAD Y  601 602    0.00   39  17.74   39                GLOB UNIF   WV 0 2
    904 LOAD Z  601 602    0.00-  05  17.74-  05                GLOB UNIF   WV 0 2
    905 LOAD Y  602 603    0.00   39  17.74   39                GLOB UNIF   WV 0 2
    906 LOAD Z  602 603    0.00-  05  17.74-  05                GLOB UNIF   WV 0 2
    907 LOAD X  611 601    0.00-   1   6.06-   1                GLOB UNIF   WV 0 2
    908 LOAD Y  611 601    0.00   54   6.06   49                GLOB UNIF   WV 0 2
    909 LOAD X  611 601    6.06-   1   6.06-   1                GLOB UNIF   WV 0 2
    910 LOAD Y  611 601    6.06   49   6.06   44                GLOB UNIF   WV 0 2
    911 LOAD Y  612 602    0.00   36   6.00   33                GLOB UNIF   WV 0 2
    912 LOAD Y  612 602    6.00   33   6.00   29                GLOB UNIF   WV 0 2
    913 LOAD X  613 603    0.00    1   6.06    1                GLOB UNIF   WV 0 2
    914 LOAD Y  613 603    0.00   54   6.06   49                GLOB UNIF   WV 0 2
    915 LOAD X  613 603    6.06    1   6.06    1                GLOB UNIF   WV 0 2
    916 LOAD Y  613 603    6.06   49   6.06   44                GLOB UNIF   WV 0 2
    917 LOAD X  501 622    0.00-   1  10.21-   1                GLOB UNIF   WV 0 2
    918 LOAD Y  501 622    0.00   40  10.21   36                GLOB UNIF   WV 0 2
    919 LOAD Z  501 622    0.00-  02  10.21-  02                GLOB UNIF   WV 0 2
    920 LOAD X  501 622   10.21-   1  10.21-   1                GLOB UNIF   WV 0 2
    921 LOAD Y  501 622   10.21   36  10.21   32                GLOB UNIF   WV 0 2
    922 LOAD Z  501 622   10.21-  02  10.21-  02                GLOB UNIF   WV 0 2
    923 LOAD X  622 703    0.00    1   7.26    1                GLOB UNIF   WV 0 2
    924 LOAD Y  622 703    0.00   50   7.26   46                GLOB UNIF   WV 0 2
    925 LOAD Z  622 703    0.00-  05   7.26-  05                GLOB UNIF   WV 0 2
    926 LOAD X  622 703    7.26    1   7.26    1                GLOB UNIF   WV 0 2
    927 LOAD Y  622 703    7.26   46   7.26   43                GLOB UNIF   WV 0 2
    928 LOAD Z  622 703    7.26-  05   7.26-  04                GLOB UNIF   WV 0 2
    929 LOAD X  622 703   14.51    1   7.26    1                GLOB UNIF   WV 0 2
    930 LOAD Y  622 703   14.51   43   7.26   40                GLOB UNIF   WV 0 2
    931 LOAD Z  622 703   14.51-  04   7.26-  04                GLOB UNIF   WV 0 2
    932 LOAD X  503 625    0.00-  06  10.13-  07                GLOB UNIF   WV 0 2
    933 LOAD Y  503 625    0.00   14  10.13   14                GLOB UNIF   WV 0 2
    934 LOAD Z  503 625    0.00   12  10.13   12                GLOB UNIF   WV 0 2
    935 LOAD X  503 625   10.13-  07  10.13-  06                GLOB UNIF   WV 0 2
    936 LOAD Y  503 625   10.13   14  10.13   13                GLOB UNIF   WV 0 2
    937 LOAD Z  503 625   10.13   12  10.13   12                GLOB UNIF   WV 0 2
    938 LOAD X  625 706    0.00-  11  10.96-  09                GLOB UNIF   WV 0 2
    939 LOAD Y  625 706    0.00   20  10.96   19                GLOB UNIF   WV 0 2
    940 LOAD Z  625 706    0.00   17  10.96   17                GLOB UNIF   WV 0 2
    941 LOAD X  625 706   10.96-  09  10.96-  08                GLOB UNIF   WV 0 2
    942 LOAD Y  625 706   10.96   19  10.96   17                GLOB UNIF   WV 0 2
```

LINE NO.	1...5			1 0		1 5		2 0		2 5		3 0		3 5		4 0		4 5		5 0		5 5		6 0		6 5		7 0		7 5		8 0
943	LOAD	Z	625	706		10.96			17		10.96			16									GLOB	UNIF			WV	0	2	
944	LOAD	X	506	624		0.00			07		20.24			06									GLOB	UNIF			WV	0	2	
945	LOAD	Y	506	624		0.00			11		20.24			11									GLOB	UNIF			WV	0	2	
946	LOAD	Z	506	624		0.00-			07		20.24-			08									GLOB	UNIF			WV	0	2	
947	LOAD	X	624	701		0.00			09		21.94			07									GLOB	UNIF			WV	0	2	
948	LOAD	Y	624	701		0.00			19		21.94			18									GLOB	UNIF			WV	0	2	
949	LOAD	Z	624	701		0.00-			15		21.94-			15									GLOB	UNIF			WV	0	2	
950	LOAD	Y	701	702		0.00			26		16.76			26									GLOB	UNIF			WV	0	2	
951	LOAD	Z	701	702		0.00-			02		16.76-			02									GLOB	UNIF			WV	0	2	
952	LOAD	Y	702	703		0.00			20		16.76			20									GLOB	UNIF			WV	0	2	
953	LOAD	Z	702	703		0.00-			02		16.76-			02									GLOB	UNIF			WV	0	2	
954	LOAD	X	703	705		0.00-			06		18.75-			06									GLOB	UNIF			WV	0	2	
955	LOAD	Y	703	705		0.00			03		18.75			04									GLOB	UNIF			WV	0	2	
956	LOAD	Z	703	705		0.00-			02		18.75-			1									GLOB	UNIF			WV	0	2	
957	LOAD	X	705	706		0.00-			06		16.76-			06									GLOB	UNIF			WV	0	2	
958	LOAD	Y	705	706		0.00			04		16.76			04									GLOB	UNIF			WV	0	2	
959	LOAD	Z	705	706		0.00-			1		6.57												GLOB	UNIF			WV	0	2	
960	LOAD	Z	705	709		6.57					12.20			1									GLOB	UNIF			WV	0	2	
961	LOAD	X	701	704		0.00			06		18.75			06									GLOB	UNIF			WV	0	2	
962	LOAD	Y	701	704		0.00			03		18.75			04									GLOB	UNIF			WV	0	2	
963	LOAD	Z	701	704		0.00-			02		18.75-			1									GLOB	UNIF			WV	0	2	
964	LOAD	X	704	706		0.00			06		16.76			06									GLOB	UNIF			WV	0	2	
965	LOAD	Y	704	706		0.00			04		18.76			04									GLOB	UNIF			WV	0	2	
966	LOAD	Z	704	706		0.00-			1		6.57												GLOB	UNIF			WV	0	2	
967	LOAD	Z	704	709		6.57					12.20			1									GLOB	UNIF			WV	0	2	
968	LOAD	X	702	704		0.00-			05		18.75-			05									GLOB	UNIF			WV	0	2	
969	LOAD	Y	702	704		0.00			03		18.75			03									GLOB	UNIF			WV	0	2	
970	LOAD	Z	702	704		0.00-			02		18.75												GLOB	UNIF			WV	0	2	
971	LOAD	X	702	705		0.00			05		18.75			05									GLOB	UNIF			WV	0	2	
972	LOAD	Y	702	705		0.00			03		18.75			03									GLOB	UNIF			WV	0	2	
973	LOAD	Z	702	705		0.00-			02		18.75												GLOB	UNIF			WV	0	2	
974	LOAD	Y	704	705		0.00			22		18.76			22									GLOB	UNIF			WV	0	2	
975	LOAD	Z	704	705		0.00			02		18.76			02									GLOB	UNIF			WV	0	2	
976	LOAD	X	701	806		0.00			09		16.72			08									GLOB	UNIF			WV	0	2	
977	LOAD	Y	701	806		0.00			11		16.72			11									GLOB	UNIF			WV	0	2	
978	LOAD	Z	701	806		0.00			08		16.72			09									GLOB	UNIF			WV	0	2	
979	LOAD	X	701	806		16.72			08		16.72			06									GLOB	UNIF			WV	0	2	
980	LOAD	Y	701	806		16.72			11		16.72			10									GLOB	UNIF			WV	0	2	
981	LOAD	Z	701	806		16.72			09		16.72			09									GLOB	UNIF			WV	0	2	
982	LOAD	X	701	806		33.44			06		16.72			05									GLOB	UNIF			WV	0	2	
983	LOAD	Y	701	806		33.44			10		16.72			09									GLOB	UNIF			WV	0	2	
984	LOAD	Z	701	806		33.44			09		16.72			09									GLOB	UNIF			WV	0	2	
985	LOAD	X	703	801		0.00-			1		16.72-			1									GLOB	UNIF			WV	0	2	
986	LOAD	Y	703	801		0.00			40		16.72			33									GLOB	UNIF			WV	0	2	
987	LOAD	Z	703	801		0.00-			04		16.72-			04									GLOB	UNIF			WV	0	2	
988	LOAD	X	703	801		16.72-			1		16.72-			1									GLOB	UNIF			WV	0	2	
989	LOAD	Y	703	801		16.72			33		16.72			26									GLOB	UNIF			WV	0	2	
990	LOAD	Z	703	801		16.72-			04		16.72-			04									GLOB	UNIF			WV	0	2	
991	LOAD	X	703	801		33.44-			1		16.72-			1									GLOB	UNIF			WV	0	2	
992	LOAD	Y	703	801		33.44			28		16.72			24									GLOB	UNIF			WV	0	2	

LINE NO.	1...5			1 0...5	1 5...0	2 0...5	2 5...0	3 0...5	3 5...0	4 0...5	4 5...0	5 0...5	5 5...0	6 0...5	6 5...0	7 0...5	7 5...0	8 0
993	LOAD	Z	703	801	35.44-	04	16.72-	03					GLOB	UNIF		WV	0	2
994	LOAD	X	706	803	0.00-	07	25.08-	06					GLOB	UNIF		WV	0	2
995	LOAD	Y	706	803	0.00	12	25.08	12					GLOB	UNIF		WV	0	2
996	LOAD	Z	706	803	0.00-	09	25.08-	10					GLOB	UNIF		WV	0	2
997	LOAD	X	706	803	25.08-	06	25.08-	04					GLOB	UNIF		WV	0	2
998	LOAD	Y	706	803	25.08	12	25.08	10					GLOB	UNIF		WV	0	2
999	LOAD	Z	706	803	25.08-	10	25.08-	09					GLOB	UNIF		WV	0	2
1000	LOAD	Y	801	802	0.00	16	22.79	16					GLOB	UNIF		WV	0	2
1001	LOAD	Z	801	802	0.00-	02	22.79-	02					GLOB	UNIF		WV	0	2
1002	LOAD	Y	802	803	0.00	16	22.79	16					GLOB	UNIF		WV	0	2
1003	LOAD	Z	802	803	0.00-	02	22.79-	02					GLOB	UNIF		WV	0	2
1004	LOAD	X	803	805	0.00-	04	22.79-	04					GLOB	UNIF		WV	0	2
1005	LOAD	Y	803	805	0.00	02	22.79	02					GLOB	UNIF		WV	0	2
1006	LOAD	Z	803	805	0.00-	02	22.79-	1					GLOB	UNIF		WV	0	2
1007	LOAD	X	805	806	0.00-	04	22.80-	04					GLOB	UNIF		WV	0	2
1008	LOAD	Y	805	806	0.00	02	22.80	02					GLOB	UNIF		WV	0	2
1009	LOAD	Z	805	806	0.00-	1	17.53						GLOB	UNIF		WV	0	2
1010	LOAD	A	801	804	0.00	04	22.79	04					GLOB	UNIF		WV	0	2
1011	LOAD	Y	801	804	0.00	02	22.79	02					GLOB	UNIF		WV	0	2
1012	LOAD	Z	801	804	0.00-	02	22.79-	1					GLOB	UNIF		WV	0	2
1013	LOAD	X	804	806	0.00	04	22.80	04					GLOB	UNIF		WV	0	2
1014	LOAD	Y	804	806	0.00	02	22.80	02					GLOB	UNIF		WV	0	2
1015	LOAD	Z	804	806	0.00-	1	17.53						GLOB	UNIF		WV	0	2
1016	LOAD	A	802	804	0.00-	03	22.80-	03					GLOB	UNIF		WV	0	2
1017	LOAD	Y	802	804	0.00	02	22.80	02					GLOB	UNIF		WV	0	2
1018	LOAD	Z	802	804	0.00-	1	22.80						GLOB	UNIF		WV	0	2
1019	LOAD	A	802	805	0.00	03	22.80	03					GLOB	UNIF		WV	0	2
1020	LOAD	Y	802	805	0.00	02	22.80	02					GLOB	UNIF		WV	0	2
1021	LOAD	Z	802	805	0.00-	1	22.80						GLOB	UNIF		WV	0	2
1022	LOAD	Y	804	805	0.00	14	22.80	14					GLOB	UNIF		WV	0	2
1023	LOAD	Z	804	805	0.00	1	22.80	1					GLOB	UNIF		WV	0	2
1024	LOAD	X	801	903	0.00	1	19.87	1					GLOB	UNIF		WV	0	2
1025	LOAD	Y	801	903	0.00	24	19.87	21					GLOB	UNIF		WV	0	2
1026	LOAD	Z	801	903	0.00-	03	19.87-	03					GLOB	UNIF		WV	0	2
1027	LOAD	X	801	903	19.87	1	19.87						GLOB	UNIF		WV	0	2
1028	LOAD	Y	801	903	19.87	21	19.87	18					GLOB	UNIF		WV	0	2
1029	LOAD	Z	801	903	19.87-	03	19.87-	02					GLOB	UNIF		WV	0	2
1030	LOAD	Y	801	903	39.73	18	19.87	16					GLOB	UNIF		WV	0	2
1031	LOAD	Z	801	903	39.73-	02	19.87-	02					GLOB	UNIF		WV	0	2
1032	LOAD	X	803	906	0.00-	06	19.87-	05					GLOB	UNIF		WV	0	2
1033	LOAD	Y	803	906	0.00	06	19.87	06					GLOB	UNIF		WV	0	2
1034	LOAD	Z	803	906	0.00	04	19.87	05					GLOB	UNIF		WV	0	2
1035	LOAD	X	803	906	19.87-	05	19.87-	04					GLOB	UNIF		WV	0	2
1036	LOAD	Y	803	906	19.87	06	19.87	06					GLOB	UNIF		WV	0	2
1037	LOAD	Z	803	906	19.87	05	19.87	05					GLOB	UNIF		WV	0	2
1038	LOAD	X	803	906	39.73-	04	19.87-	03					GLOB	UNIF		WV	0	2
1039	LOAD	Y	803	906	39.73	06	19.87	05					GLOB	UNIF		WV	0	2
1040	LOAD	Z	803	906	39.73	05	19.87	05					GLOB	UNIF		WV	0	2
1041	LOAD	A	806	901	0.00	05	24.80	04					GLOB	UNIF		WV	0	2
1042	LOAD	Y	806	901	0.00	06	24.80	07					GLOB	UNIF		WV	0	2

| LINE NO. | | |

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NUM  1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

 1093  LOAD Z  9061005    0.00-  04  21.11-  04                GLOB UNIF  WV 0 2
 1094  LOAD X  9061005   21.11-  02  21.11-  02                GLOB UNIF  WV 0 2
 1095  LOAD Y  9061005   21.11   07  21.11   06                GLOB UNIF  WV 0 2
 1096  LOAD Z  9061005   21.11-  04  21.11-  04                GLOB UNIF  WV 0 2
 1097  LOAD X  9011004    0.00   02  14.08   02                GLOB UNIF  WV 0 2
 1098  LOAD Y  9011004    0.00   07  14.08   07                GLOB UNIF  WV 0 2
 1099  LOAD Z  9011004    0.00   04  14.08   04                GLOB UNIF  WV 0 2
 1100  LOAD X  9011004   14.08   02  14.08   02                GLOB UNIF  WV 0 2
 1101  LOAD Y  9011004   14.08   07  14.08   06                GLOB UNIF  WV 0 2
 1102  LOAD Z  9011004   14.08   04  14.08   04                GLOB UNIF  WV 0 2
 1103  LOAD X  9011004   28.15   02  14.08    1                GLOB UNIF  WV 0 2
 1104  LOAD Y  9011004   28.15   06  14.08   05                GLOB UNIF  WV 0 2
 1105  LOAD Z  9011004   28.15   04  14.08   04                GLOB UNIF  WV 0 2
 1106  LOAD X  9061004    0.00   02  21.11   02                GLOB UNIF  WV 0 2
 1107  LOAD Y  9061004    0.00   08  21.11   07                GLOB UNIF  WV 0 2
 1108  LOAD Z  9061004    0.00-  04  21.11-  04                GLOB UNIF  WV 0 2
 1109  LOAD X  9061004   21.11   02  21.11   02                GLOB UNIF  WV 0 2
 1110  LOAD Y  9061004   21.11   07  21.11   06                GLOB UNIF  WV 0 2
 1111  LOAD Z  9061004   21.11-  04  21.11-  04                GLOB UNIF  WV 0 2
 1112  LOAD Y 10011002    0.00   11  52.04   11                GLOB UNIF  WV 0 2
 1113  LOAD Y 10021005    0.00   11  52.04   11                GLOB UNIF  WV 0 2
 1114  LOAD X 10031005    0.00-  02  16.02-  03                GLOB UNIF  WV 0 2
 1115  LOAD Y 10031005    0.00    1  16.02    1                GLOB UNIF  WV 0 2
 1116  LOAD X 10031005   16.02-  03  16.02-  03                GLOB UNIF  WV 0 2
 1117  LOAD Y 10031005   16.02    1  16.02   02                GLOB UNIF  WV 0 2
 1118  LOAD X 10051006    0.00-  03  32.04-  03                GLOB UNIF  WV 0 2
 1119  LOAD Y 10051005    0.00   02  32.04   02                GLOB UNIF  WV 0 2
 1120  LOAD X 10011004    0.00   02  16.02   03                GLOB UNIF  WV 0 2
 1121  LOAD Y 10011004    0.00    1  16.02    1                GLOB UNIF  WV 0 2
 1122  LOAD X 10011004   16.02   03  16.02   03                GLOB UNIF  WV 0 2
 1123  LOAD Y 10011004   16.02    1  16.02   02                GLOB UNIF  WV 0 2
 1124  LOAD X 10041006    0.00   03  52.04   03                GLOB UNIF  WV 0 2
 1125  LOAD Y 10041006    0.00   02  52.04   02                GLOB UNIF  WV 0 2
 1126  LOAD X 10021004    0.00-  02  16.02-  02                GLOB UNIF  WV 0 2
 1127  LOAD Y 10021004    0.00    1  16.02    1                GLOB UNIF  WV 0 2
 1128  LOAD X 10021004   16.02-  02  16.02-  02                GLOB UNIF  WV 0 2
 1129  LOAD Y 10021004   16.02    1  16.02    1                GLOB UNIF  WV 0 2
 1130  LOAD X 10021005    0.00   02  16.02   02                GLOB UNIF  WV 0 2
 1131  LOAD Y 10021005    0.00    1  16.02    1                GLOB UNIF  WV 0 2
 1132  LOAD X 10021005   16.02   02  16.02   02                GLOB UNIF  WV 0 2
 1133  LOAD Y 10021005   16.02    1  16.02    1                GLOB UNIF  WV 0 2
 1134  LOAD Y 10041005    0.00   08  52.04   08                GLOB UNIF  WV 0 2
 1135  LOAD Y  501 401   15.59   84   4.30   77                GLOB UNIF  WV 0 2
 1136  LOAD Y  501 401   19.90   77   4.30   71                GLOB UNIF  WV 0 2
 1137  LOAD Y  501 401   24.20   71   4.30   66                GLOB UNIF  WV 0 2
 1138  LOAD Y  503 403   15.59   84   4.30   77                GLOB UNIF  WV 0 2
 1139  LOAD Y  503 403   19.90   77   4.30   71                GLOB UNIF  WV 0 2
 1140  LOAD Y  503 403   24.20   71   4.30   66                GLOB UNIF  WV 0 2
 1141  LOAD Y  506 406   18.80   71   4.05   65                GLOB UNIF  WV 0 2
 1142  LOAD Y  506 406   23.05   65   4.05   60                GLOB UNIF  WV 0 2
```

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    1143 LOAD A  401 501  0.00-    1  4.56-    1                    GLOB UNIF     WY 0 2
    1144 LOAD Y  401 501  0.00   106  4.56   98                     GLOB UNIF     WY 0 2
    1145 LOAD Z  401 501  0.00-   09  4.56-   08                     GLOB UNIF     WY 0 2
    1146 LOAD A  403 503  0.00     1  4.56    1                     GLOB UNIF     WY 0 2
    1147 LOAD Y  403 503  0.00   106  4.56   96                     GLOB UNIF     WY 0 2
    1148 LOAD Z  403 503  0.00-   09  4.56-   08                     GLOB UNIF     WY 0 2
    1149 LOAD Y  406 506  0.00   103  4.56   95                     GLOB UNIF     WY 0 2
    1150 LOAD Z  406 506  0.00    17  4.56   16                     GLOB UNIF     WY 0 2
    1151 LOAD A  501 601  0.00-    1  6.08-    1                    GLOB UNIF     WY 0 2
    1152 LOAD Y  501 601  0.00    97  6.08   88                     GLOB UNIF     WY 0 2
    1153 LOAD Z  501 601  0.00-   08  6.08-   07                     GLOB UNIF     WY 0 2
    1154 LOAD A  503 603  0.00     1  6.08    1                     GLOB UNIF     WY 0 2
    1155 LOAD Y  503 603  0.00    97  6.08   88                     GLOB UNIF     WY 0 2
    1156 LOAD Z  503 603  0.00-   08  6.08-   07                     GLOB UNIF     WY 0 2
    1157 LOAD Y  506 606  0.00    94  6.08   85                     GLOB UNIF     WY 0 2
    1158 LOAD Z  506 606  0.00    16  6.08   14                     GLOB UNIF     WY 0 2
    1159 LOAD A  601 621  0.00-    1  6.08-    1                    GLOB UNIF     WY 0 2
    1160 LOAD Y  601 621  0.00    88  6.08   79                     GLOB UNIF     WY 0 2
    1161 LOAD Z  601 621  0.00-   07  6.08-   07                     GLOB UNIF     WY 0 2
    1162 LOAD A  603 623  0.00     1  6.08    1                     GLOB UNIF     WY 0 2
    1163 LOAD Y  603 623  0.00    88  6.08   79                     GLOB UNIF     WY 0 2
    1164 LOAD Z  603 623  0.00-   07  6.08-   07                     GLOB UNIF     WY 0 2
    1165 LOAD Y  606 626  0.00    85  6.08   77                     GLOB UNIF     WY 0 2
    1166 LOAD Z  606 626  0.00    14  6.08   13                     GLOB UNIF     WY 0 2
    1167 LOAD A  621 651  0.00-    04  6.08-   04                    GLOB UNIF     WY 0 2
    1168 LOAD Y  621 651  0.00   116  6.08   106                    GLOB UNIF     WY 0 2
    1169 LOAD Z  621 651  0.00-   10  6.08-   09                     GLOB UNIF     WY 0 2
    1170 LOAD A  623 653  0.00     04  6.08    04                    GLOB UNIF     WY 0 2
    1171 LOAD Y  623 653  0.00   116  6.08   106                    GLOB UNIF     WY 0 2
    1172 LOAD Z  623 653  0.00-   10  6.08-   09                     GLOB UNIF     WY 0 2
    1173 LOAD Y  626 656  0.00   117  6.08   106                    GLOB UNIF     WY 0 2
    1174 LOAD Z  626 656  0.00    19  6.08   18                     GLOB UNIF     WY 0 2
    1175 LOAD A  651 701  0.00-    04  3.55-   04                    GLOB UNIF     WY 0 2
    1176 LOAD Y  651 701  0.00   106  3.55   100                    GLOB UNIF     WY 0 2
    1177 LOAD Z  651 701  0.00-   09  3.55-   09                     GLOB UNIF     WY 0 2
    1178 LOAD A  651 701  3.55-    04  3.55-   03                    GLOB UNIF     WY 0 2
    1179 LOAD Y  651 701  3.55   100  3.55   94                     GLOB UNIF     WY 0 2
    1180 LOAD Z  651 701  3.55-   09  3.55-   08                     GLOB UNIF     WY 0 2
    1181 LOAD A  653 703  0.00     04  3.55    04                    GLOB UNIF     WY 0 2
    1182 LOAD Y  653 703  0.00   106  3.55   100                    GLOB UNIF     WY 0 2
    1183 LOAD Z  653 703  0.00-   09  3.55-   09                     GLOB UNIF     WY 0 2
    1184 LOAD A  653 703  3.55     04  3.55    03                    GLOB UNIF     WY 0 2
    1185 LOAD Y  653 703  3.55   100  3.55   94                     GLOB UNIF     WY 0 2
    1186 LOAD Z  653 703  3.55-   09  3.55-   08                     GLOB UNIF     WY 0 2
    1187 LOAD Y  656 706  0.00   106  3.55   99                     GLOB UNIF     WY 0 2
    1188 LOAD Z  656 706  0.00    18  3.55   17                     GLOB UNIF     WY 0 2
    1189 LOAD Y  656 706  3.55    99  3.55   94                     GLOB UNIF     WY 0 2
    1190 LOAD Z  656 706  3.55    17  3.55   16                     GLOB UNIF     WY 0 2
    1191 LOAD A  701 801  0.00-    03  4.46-   03                    GLOB UNIF     WY 0 2
    1192 LOAD Y  701 801  0.00    84  4.46   75                     GLOB UNIF     WY 0 2
```

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1193	LOAD Z	701	801	0.00-	08	9.46-	07				GLOB	UNIF		WV	0 2
1194	LOAD X	701	801	9.46-	03	9.46-	02				GLOB	UNIF		WV	0 2
1195	LOAD Y	701	801	9.46	75	9.46	64				GLOB	UNIF		WV	0 2
1196	LOAD Z	701	801	9.46-	07	9.46-	06				GLOB	UNIF		WV	0 2
1197	LOAD X	701	801	10.92-	02	9.46-	02				GLOB	UNIF		WV	0 2
1198	LOAD Y	701	801	10.92	64	9.46	55				GLOB	UNIF		WV	0 2
1199	LOAD Z	701	801	10.92-	06	9.46-	05				GLOB	UNIF		WV	0 2
1200	LOAD X	703	803	0.00	03	9.46	03				GLOB	UNIF		WV	0 2
1201	LOAD Y	703	803	0.00	89	9.46	75				GLOB	UNIF		WV	0 2
1202	LOAD Z	703	803	0.00-	08	9.46-	07				GLOB	UNIF		WV	0 2
1203	LOAD X	703	803	9.46	03	9.46	02				GLOB	UNIF		WV	0 2
1204	LOAD Y	703	803	9.46	75	9.46	64				GLOB	UNIF		WV	0 2
1205	LOAD Z	703	803	9.46-	07	9.46-	06				GLOB	UNIF		WV	0 2
1206	LOAD X	703	803	10.92	02	9.46	02				GLOB	UNIF		WV	0 2
1207	LOAD Y	703	803	10.92	64	9.46	55				GLOB	UNIF		WV	0 2
1208	LOAD Z	703	803	10.92-	06	9.46-	05				GLOB	UNIF		WV	0 2
1209	LOAD Y	706	806	0.00	89	9.46	76				GLOB	UNIF		WV	0 2
1210	LOAD Z	706	806	0.00	15	9.46	13				GLOB	UNIF		WV	0 2
1211	LOAD Y	706	806	9.46	76	9.46	66				GLOB	UNIF		WV	0 2
1212	LOAD Z	706	806	9.46	13	9.46	11				GLOB	UNIF		WV	0 2
1213	LOAD Y	706	806	10.92	66	9.46	57				GLOB	UNIF		WV	0 2
1214	LOAD Z	706	806	10.92	11	9.46	09				GLOB	UNIF		WV	0 2
1215	LOAD X	801	901	0.00-	02	10.81-	02				GLOB	UNIF		WV	0 2
1216	LOAD Y	801	901	0.00	55	10.81	47				GLOB	UNIF		WV	0 2
1217	LOAD Z	801	901	0.00-	05	10.81-	04				GLOB	UNIF		WV	0 2
1218	LOAD X	801	901	10.81-	02	10.81-	1				GLOB	UNIF		WV	0 2
1219	LOAD Y	801	901	10.81	47	10.81	40				GLOB	UNIF		WV	0 2
1220	LOAD Z	801	901	10.81-	04	10.81-	03				GLOB	UNIF		WV	0 2
1221	LOAD X	801	901	21.63-	1	10.81-	1				GLOB	UNIF		WV	0 2
1222	LOAD Y	801	901	21.63	40	10.81	35				GLOB	UNIF		WV	0 2
1223	LOAD Z	801	901	21.63-	03	10.81-	03				GLOB	UNIF		WV	0 2
1224	LOAD X	803	903	0.00	02	10.81	02				GLOB	UNIF		WV	0 2
1225	LOAD Y	803	903	0.00	55	10.81	47				GLOB	UNIF		WV	0 2
1226	LOAD Z	803	903	0.00-	05	10.81-	04				GLOB	UNIF		WV	0 2
1227	LOAD X	803	903	10.81	02	10.81	1				GLOB	UNIF		WV	0 2
1228	LOAD Y	803	903	10.81	47	10.81	40				GLOB	UNIF		WV	0 2
1229	LOAD Z	803	903	10.81-	04	10.81-	03				GLOB	UNIF		WV	0 2
1230	LOAD X	803	903	21.63	1	10.81	1				GLOB	UNIF		WV	0 2
1231	LOAD Y	803	903	21.63	40	10.81	35				GLOB	UNIF		WV	0 2
1232	LOAD Z	803	903	21.63-	03	10.81-	03				GLOB	UNIF		WV	0 2
1233	LOAD Y	806	906	0.00	57	10.81	50				GLOB	UNIF		WV	0 2
1234	LOAD Z	806	906	0.00	09	10.81	08				GLOB	UNIF		WV	0 2
1235	LOAD Y	806	906	10.81	50	10.81	43				GLOB	UNIF		WV	0 2
1236	LOAD Z	806	906	10.81	08	10.81	07				GLOB	UNIF		WV	0 2
1237	LOAD Y	806	906	21.63	43	10.81	39				GLOB	UNIF		WV	0 2
1238	LOAD Z	806	906	21.63	07	10.81	06				GLOB	UNIF		WV	0 2
1239	LOAD X	9011001		0.00-	1	10.81					GLOB	UNIF		WV	0 2
1240	LOAD Y	9011001		0.00	35	10.81	31				GLOB	UNIF		WV	0 2
1241	LOAD Z	9011001		0.00-	03	10.81-	03				GLOB	UNIF		WV	0 2
1242	LOAD Y	9011001		10.81	31	10.81	27				GLOB	UNIF		WV	0 2

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
1243  LOAD Z  9011001  10.81-   03  10.81-   02                    GLOB UNIF  WV 0 2
1244  LOAD Y  9011001  21.63    27  10.81    23                    GLOB UNIF  WV 0 2
1245  LOAD Z  9011001  21.63-   02  10.81-   02                    GLOB UNIF  WV 0 2
1246  LOAD X  9031003   0.00     1  10.81                          GLOB UNIF  WV 0 2
1247  LOAD Y  9031003   0.00    35  10.81    31                    GLOB UNIF  WV 0 2
1248  LOAD Z  9031003   0.00-   03  10.81-   03                    GLOB UNIF  WV 0 2
1249  LOAD Y  9031003  10.81    31  10.81    27                    GLOB UNIF  WV 0 2
1250  LOAD Z  9031003  10.81-   03  10.81-   02                    GLOB UNIF  WV 0 2
1251  LOAD Y  9031003  21.63    27  10.81    23                    GLOB UNIF  WV 0 2
1252  LOAD Z  9031003  21.63-   02  10.81-   02                    GLOB UNIF  WV 0 2
1253  LOAD Y  9061006   0.00    39  10.81    35                    GLOB UNIF  WV 0 2
1254  LOAD Z  9061006   0.00    06  10.81    06                    GLOB UNIF  WV 0 2
1255  LOAD Y  9061006  10.81    35  10.81    33                    GLOB UNIF  WV 0 2
1256  LOAD Z  9061006  10.81    06  10.81    05                    GLOB UNIF  WV 0 2
1257  LOAD Y  9061006  21.63    33  10.81    29                    GLOB UNIF  WV 0 2
1258  LOAD Z  9061006  21.63    05  10.81    05                    GLOB UNIF  WV 0 2
1259  LOADCM  3
1260  LOAD X  510 710   7.59-   23                                  GLOB CONC  WN 0 3
1261  LOAD Y  510 710                                  7.59- 18218 GLOB MOMT  WN 0 3
1262  LOAD Y  510 710   7.59-   40                                  GLOB CONC  WN 0 3
1263  LOAD X  510 710                                  7.59  31555 GLOB MOMT  WN 0 3
1264  LOAD X  511 711   7.59-   23                                  GLOB CONC  WN 0 3
1265  LOAD Y  511 711                                  7.59- 18218 GLOB MOMT  WN 0 3
1266  LOAD Y  511 711   7.59-   40                                  GLOB CONC  WN 0 3
1267  LOAD X  511 711                                  7.59  31555 GLOB MOMT  WN 0 3
1268  LOAD X  512 712   7.59-   23                                  GLOB CONC  WN 0 3
1269  LOAD Y  512 712                                  7.59- 18218 GLOB MOMT  WN 0 3
1270  LOAD Y  512 712   7.59-   40                                  GLOB CONC  WN 0 3
1271  LOAD X  512 712                                  7.59  31555 GLOB MOMT  WN 0 3
1272  LOAD X  510 710   7.59-   24                                  GLOB CONC  WN 0 3
1273  LOAD Y  510 710                                  7.59- 16892 GLOB MOMT  WN 0 3
1274  LOAD Y  510 710   7.59-   41                                  GLOB CONC  WN 0 3
1275  LOAD X  510 710                                  7.59  29258 GLOB MOMT  WN 0 3
1276  LOAD X  511 711   7.59-   24                                  GLOB CONC  WN 0 3
1277  LOAD Y  511 711                                  7.59- 16892 GLOB MOMT  WN 0 3
1278  LOAD Y  511 711   7.59-   41                                  GLOB CONC  WN 0 3
1279  LOAD X  511 711                                  7.59  29258 GLOB MOMT  WN 0 3
1280  LOAD X  512 712   7.59-   24                                  GLOB CONC  WN 0 3
1281  LOAD Y  512 712                                  7.59- 16892 GLOB MOMT  WN 0 3
1282  LOAD Y  512 712   7.59-   41                                  GLOB CONC  WN 0 3
1283  LOAD X  512 712                                  7.59  29258 GLOB MOMT  WN 0 3
1284  LOAD X  301 403  24.07-   18  5.53-   17                    GLOB UNIF  WV 0 3
1285  LOAD Y  301 403  24.07-   55  5.53-   51                    GLOB UNIF  WV 0 3
1286  LOAD Z  301 403  24.07    19  5.53    18                    GLOB UNIF  WV 0 3
1287  LOAD X  301 403  29.60-   17  5.53-   16                    GLOB UNIF  WV 0 3
1288  LOAD Y  301 403  29.60-   51  5.53-   47                    GLOB UNIF  WV 0 3
1289  LOAD Z  301 403  29.60     18  5.53    17                    GLOB UNIF  WV 0 3
1290  LOAD X  301 403  35.13-   16  5.53-   15                    GLOB UNIF  WV 0 3
1291  LOAD Y  301 403  35.13-   47  5.53-   43                    GLOB UNIF  WV 0 3
1292  LOAD Z  301 403  35.13     17  5.53    16                    GLOB UNIF  WV 0 3
```

LINE NO.			1 1	2 2	3 3	4 4	5 5	6 6	7 7	8
	1	5	0	5	0	5	0	5	0	5	0	
1293	LOAD	Y	501 502	0.00-	24	15.15-	24	GLOB UNIF	WV 0 3	
1294	LOAD	Z	501 502	0.00	1	15.15	02	GLOB UNIF	WV 0 3	
1295	LOAD	Y	502 503	0.00-	24	15.15-	23	GLOB UNIF	WV 0 3	
1296	LOAD	Z	502 503	0.00	02	15.15	04	GLOB UNIF	WV 0 3	
1297	LOAD	Z	503 505	0.00-	1	5.05-	1	GLOB UNIF	WV 0 3	
1298	LOAD	Z	503 505	5.05-	1	5.05-	02	GLOB UNIF	WV 0 3	
1299	LOAD	Z	503 505	10.10-	02	5.05-	02	GLOB UNIF	WV 0 3	
1300	LOAD	Z	505 506	0.00-	02	7.58-	03	GLOB UNIF	WV 0 3	
1301	LOAD	Z	505 506	7.58-	03	7.58-	03	GLOB UNIF	WV 0 3	
1302	LOAD	X	501 504	0.00-	21	15.15-	21	GLOB UNIF	WV 0 3	
1303	LOAD	Y	501 504	0.00-	12	15.15-	12	GLOB UNIF	WV 0 3	
1304	LOAD	Z	501 504	0.00	1	4.78		GLOB UNIF	WV 0 3	
1305	LOAD	Z	501 504	4.78		10.36-	1	GLOB UNIF	WV 0 3	
1306	LOAD	X	504 506	0.00-	21	15.15-	21	GLOB UNIF	WV 0 3	
1307	LOAD	Y	504 506	0.00-	12	15.15-	12	GLOB UNIF	WV 0 3	
1308	LOAD	Z	504 506	0.00-	1	15.15-	03	GLOB UNIF	WV 0 3	
1309	LOAD	Z	502 504	0.00		5.05-	1	GLOB UNIF	WV 0 3	
1310	LOAD	Z	502 504	5.05-	1	5.05-	1	GLOB UNIF	WV 0 3	
1311	LOAD	Z	502 504	10.10-	1	5.05-	1	GLOB UNIF	WV 0 3	
1312	LOAD	X	502 505	0.00-	14	15.15-	14	GLOB UNIF	WV 0 3	
1313	LOAD	Y	502 505	0.00-	08	15.15-	08	GLOB UNIF	WV 0 3	
1314	LOAD	Z	502 505	0.00	02	15.15	1	GLOB UNIF	WV 0 3	
1315	LOAD	Y	504 505	0.00-	16	15.16-	16	GLOB UNIF	WV 0 3	
1316	LOAD	Z	504 505	2.53		12.63	1	GLOB UNIF	WV 0 3	
1317	LOAD	X	501 513	0.00-	12	2.99-	12	GLOB UNIF	WV 0 3	
1318	LOAD	Y	501 513	0.00-	21	2.99-	21	GLOB UNIF	WV 0 3	
1319	LOAD	Z	501 513	0.00	1	2.99	1	GLOB UNIF	WV 0 3	
1320	LOAD	X	503 514	0.00	03	2.99	03	GLOB UNIF	WV 0 3	
1321	LOAD	Y	503 514	0.00-	05	2.99-	06	GLOB UNIF	WV 0 3	
1322	LOAD	Z	503 514	0.00	02	2.99	02	GLOB UNIF	WV 0 3	
1323	LOAD	X	513 651	0.00-	41	6.00-	37	GLOB UNIF	WV 0 3	
1324	LOAD	Y	513 651	0.00-	71	6.00-	64	GLOB UNIF	WV 0 3	
1325	LOAD	X	513 651	6.00-	37	6.00-	33	GLOB UNIF	WV 0 3	
1326	LOAD	Y	513 651	0.00-	64	6.00-	58	GLOB UNIF	WV 0 3	
1327	LOAD	X	513 651	12.00-	33	6.00-	30	GLOB UNIF	WV 0 3	
1328	LOAD	Y	513 651	12.00-	58	6.00-	52	GLOB UNIF	WV 0 3	
1329	LOAD	X	514 653	0.00-	39	6.00-	35	GLOB UNIF	WV 0 3	
1330	LOAD	Y	514 653	0.00-	67	6.00-	61	GLOB UNIF	WV 0 3	
1331	LOAD	X	514 653	6.00-	35	6.00-	32	GLOB UNIF	WV 0 3	
1332	LOAD	Y	514 653	6.00-	61	6.00-	56	GLOB UNIF	WV 0 3	
1333	LOAD	X	514 653	12.00-	32	6.00-	29	GLOB UNIF	WV 0 3	
1334	LOAD	Y	514 653	12.00-	56	6.00-	50	GLOB UNIF	WV 0 3	
1335	LOAD	X	601 611	0.00-	06	6.00-	07	GLOB UNIF	WV 0 3	
1336	LOAD	X	603 613	0.00-	07	6.00-	07	GLOB UNIF	WV 0 3	
1337	LOAD	Z	603 613	0.00	1	6.00	02	GLOB UNIF	WV 0 3	
1338	LOAD	X	651 601	0.00-	05	5.00-	05	GLOB UNIF	WV 0 3	
1339	LOAD	Z	651 601	0.00-	1	5.00		GLOB UNIF	WV 0 3	
1340	LOAD	X	653 603	0.00-	05	5.00-	05	GLOB UNIF	WV 0 3	
1341	LOAD	Z	653 603	0.00	1	5.00	1	GLOB UNIF	WV 0 3	
1342	LOAD	Y	611 612	0.00-	16	16.01-	16	GLOB UNIF	WV 0 3	

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1343 LOAD Z  611 612    0.00      02  16.01      03                  GLOB UNIF     WV 0 3
    1344 LOAD Y  612 613    0.00-     16  16.01-     15                  GLOB UNIF     WV 0 3
    1345 LOAD Z  612 613    0.00      03  16.01      04                  GLOB UNIF     WV 0 3
    1346 LOAD Y  601 602    0.00-     30  17.74-     30                  GLOB UNIF     WV 0 3
    1347 LOAD Z  601 602    0.00-      1   9.01                          GLOB UNIF     WV 0 3
    1348 LOAD Z  601 602    9.01           8.13       1                  GLOB UNIF     WV 0 3
    1349 LOAD Y  602 603    0.00-     30  17.74-     29                  GLOB UNIF     WV 0 3
    1350 LOAD Z  602 603    0.00       1  17.74      03                  GLOB UNIF     WV 0 3
    1351 LOAD X  611 601    0.00-     26   6.06-     24                  GLOB UNIF     WV 0 3
    1352 LOAD Y  611 601    0.00-     46   6.06-     42                  GLOB UNIF     WV 0 3
    1353 LOAD Z  611 601    0.00-     04   6.06-     03                  GLOB UNIF     WV 0 3
    1354 LOAD X  611 601    6.06-     24   6.06-     22                  GLOB UNIF     WV 0 3
    1355 LOAD Y  611 601    6.06-     42   6.06-     38                  GLOB UNIF     WV 0 3
    1356 LOAD Z  611 601    6.06-     03   6.06-     03                  GLOB UNIF     WV 0 3
    1357 LOAD X  612 602    0.00-     17   6.00-     15                  GLOB UNIF     WV 0 3
    1358 LOAD Y  612 602    0.00-     29   6.00-     27                  GLOB UNIF     WV 0 3
    1359 LOAD X  612 602    6.00-     15   6.00-     14                  GLOB UNIF     WV 0 3
    1360 LOAD Y  612 602    6.00-     27   6.00-     24                  GLOB UNIF     WV 0 3
    1361 LOAD X  613 603    0.00-     26   6.06-     23                  GLOB UNIF     WV 0 3
    1362 LOAD Y  613 603    0.00-     44   6.06-     40                  GLOB UNIF     WV 0 3
    1363 LOAD Z  613 603    0.00       04   6.06      03                  GLOB UNIF     WV 0 3
    1364 LOAD X  613 603    6.06-     23   6.06-     21                  GLOB UNIF     WV 0 3
    1365 LOAD Y  613 603    6.06-     40   6.06-     36                  GLOB UNIF     WV 0 3
    1366 LOAD Z  613 603    6.06       03   6.06      03                  GLOB UNIF     WV 0 3
    1367 LOAD X  501 622    0.00-     05  10.21-     05                  GLOB UNIF     WV 0 3
    1368 LOAD Y  501 622    0.00-     32  10.21-     28                  GLOB UNIF     WV 0 3
    1369 LOAD Z  501 622    0.00       10  10.21      10                  GLOB UNIF     WV 0 3
    1370 LOAD X  501 622   10.21-     05  10.21-     05                  GLOB UNIF     WV 0 3
    1371 LOAD Y  501 622   10.21-     28  10.21-     26                  GLOB UNIF     WV 0 3
    1372 LOAD Z  501 622   10.21       10  10.21      09                  GLOB UNIF     WV 0 3
    1373 LOAD X  622 703    0.00-     07   7.26-     07                  GLOB UNIF     WV 0 3
    1374 LOAD Y  622 703    0.00-     40   7.26-     37                  GLOB UNIF     WV 0 3
    1375 LOAD Z  622 703    0.00       13   7.26      12                  GLOB UNIF     WV 0 3
    1376 LOAD X  622 703    7.26-     07   7.26-     07                  GLOB UNIF     WV 0 3
    1377 LOAD Y  622 703    7.26-     37   7.26-     34                  GLOB UNIF     WV 0 3
    1378 LOAD Z  622 703    7.26       12   7.26      12                  GLOB UNIF     WV 0 3
    1379 LOAD X  622 703   14.51-     07   7.26-     06                  GLOB UNIF     WV 0 3
    1380 LOAD Y  622 703   14.51-     34   7.26-     32                  GLOB UNIF     WV 0 3
    1381 LOAD Z  622 703   14.51       12   7.26      11                  GLOB UNIF     WV 0 3
    1382 LOAD X  503 625    0.00-     03  10.13-     04                  GLOB UNIF     WV 0 3
    1383 LOAD Y  503 625    0.00-     05  10.13-     05                  GLOB UNIF     WV 0 3
    1384 LOAD Z  503 625    0.00-     08  10.13-     09                  GLOB UNIF     WV 0 3
    1385 LOAD X  503 625   10.13-     04  10.13-     04                  GLOB UNIF     WV 0 3
    1386 LOAD Y  503 625   10.13-     05  10.13-     06                  GLOB UNIF     WV 0 3
    1387 LOAD Z  503 625   10.13-     09  10.13-     09                  GLOB UNIF     WV 0 3
    1388 LOAD X  625 706    0.00-     07  21.93-     07                  GLOB UNIF     WV 0 3
    1389 LOAD Y  625 706    0.00-     10  21.93-     10                  GLOB UNIF     WV 0 3
    1390 LOAD Z  625 706    0.00-     17  21.93-     17                  GLOB UNIF     WV 0 3
    1391 LOAD X  506 624    0.00-     20  10.12-     23                  GLOB UNIF     WV 0 3
    1392 LOAD Y  506 624    0.00-     21  10.12-     20                  GLOB UNIF     WV 0 3
```

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1393	LOAD Z	506 624	0.00	05	10.12	05					GLOB UNIF		WV 0 3		
1394	LOAD X	506 624	10.12-	23	10.12-	21					GLOB UNIF		WV 0 3		
1395	LOAD Y	506 624	10.12-	20	10.12-	18					GLOB UNIF		WV 0 3		
1396	LOAD Z	506 624	10.12	05	10.12	05					GLOB UNIF		WV 0 3		
1397	LOAD X	624 701	0.00-	33	10.97-	29					GLOB UNIF		WV 0 3		
1398	LOAD Y	624 701	0.00-	27	10.97-	25					GLOB UNIF		WV 0 3		
1399	LOAD Z	624 701	0.00	06	10.97	06					GLOB UNIF		WV 0 3		
1400	LOAD X	624 701	10.97-	29	10.97-	26					GLOB UNIF		WV 0 3		
1401	LOAD Y	624 701	10.97-	25	10.97-	23					GLOB UNIF		WV 0 3		
1402	LOAD Z	624 701	10.97	06	10.97	06					GLOB UNIF		WV 0 3		
1403	LOAD Y	701 702	0.00-	20	18.76-	20					GLOB UNIF		WV 0 3		
1404	LOAD Z	701 702	0.00-	1	9.38						GLOB UNIF		WV 0 3		
1405	LOAD Z	701 702	9.38		9.38	1					GLOB UNIF		WV 0 3		
1406	LOAD Y	702 703	0.00-	20	18.76-	19					GLOB UNIF		WV 0 3		
1407	LOAD Z	702 703	0.00	1	18.76	02					GLOB UNIF		WV 0 3		
1408	LOAD Z	703 705	0.00-	1	6.25-	02					GLOB UNIF		WV 0 3		
1409	LOAD Z	703 705	6.25-	02	6.25-	03					GLOB UNIF		WV 0 3		
1410	LOAD Z	703 705	12.50-	03	6.25-	03					GLOB UNIF		WV 0 3		
1411	LOAD Z	705 706	0.00-	03	18.76-	03					GLOB UNIF		WV 0 3		
1412	LOAD X	701 704	0.00-	17	18.75-	17					GLOB UNIF		WV 0 3		
1413	LOAD Y	701 704	0.00-	10	18.75-	10					GLOB UNIF		WV 0 3		
1414	LOAD Z	701 704	0.00-	1	18.75-	02					GLOB UNIF		WV 0 3		
1415	LOAD X	704 706	0.00-	17	18.76-	17					GLOB UNIF		WV 0 3		
1416	LOAD Y	704 706	0.00-	10	18.76-	10					GLOB UNIF		WV 0 3		
1417	LOAD Z	704 706	0.00-	02	18.76-	04					GLOB UNIF		WV 0 3		
1418	LOAD Z	702 704	0.00-	02	9.38-	02					GLOB UNIF		WV 0 3		
1419	LOAD Z	702 704	9.38-	02	9.38-	02					GLOB UNIF		WV 0 3		
1420	LOAD X	702 705	0.00-	15	18.75-	15					GLOB UNIF		WV 0 3		
1421	LOAD Y	702 705	0.00-	08	18.75-	09					GLOB UNIF		WV 0 3		
1422	LOAD Z	702 705	0.00	1	18.74						GLOB UNIF		WV 0 3		
1423	LOAD Y	704 705	0.00-	17	18.76-	17					GLOB UNIF		WV 0 3		
1424	LOAD Z	704 705	0.00-	02	18.76						GLOB UNIF		WV 0 3		
1425	LOAD X	701 806	0.00-	22	18.72-	19					GLOB UNIF		WV 0 3		
1426	LOAD Y	701 806	0.00-	20	18.72-	18					GLOB UNIF		WV 0 3		
1427	LOAD Z	701 806	0.00-	11	18.72-	11					GLOB UNIF		WV 0 3		
1428	LOAD X	701 806	16.72-	19	18.72-	15					GLOB UNIF		WV 0 3		
1429	LOAD Y	701 806	16.72-	18	18.72-	15					GLOB UNIF		WV 0 3		
1430	LOAD Z	701 806	16.72-	11	18.72-	10					GLOB UNIF		WV 0 3		
1431	LOAD X	701 806	33.44-	15	18.72-	13					GLOB UNIF		WV 0 3		
1432	LOAD Y	701 806	33.44-	15	18.72-	13					GLOB UNIF		WV 0 3		
1433	LOAD Z	701 806	33.44-	10	18.72-	09					GLOB UNIF		WV 0 3		
1434	LOAD X	703 801	0.00-	06	18.72-	06					GLOB UNIF		WV 0 3		
1435	LOAD Y	703 801	0.00-	30	18.72-	26					GLOB UNIF		WV 0 3		
1436	LOAD Z	703 801	0.00-	06	18.72-	07					GLOB UNIF		WV 0 3		
1437	LOAD X	703 801	18.72-	06	18.72-	06					GLOB UNIF		WV 0 3		
1438	LOAD Y	703 801	18.72-	26	18.72-	23					GLOB UNIF		WV 0 3		
1439	LOAD Z	703 801	18.72-	07	18.72-	07					GLOB UNIF		WV 0 3		
1440	LOAD X	703 801	33.44-	06	18.72-	05					GLOB UNIF		WV 0 3		
1441	LOAD Y	703 801	33.44-	23	18.72-	20					GLOB UNIF		WV 0 3		
1442	LOAD Z	703 801	33.44-	07	18.72-	07					GLOB UNIF		WV 0 3		

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
1483  LOAD X  706 803     0.00          16.72-     1                GLOB UNIF     WV 0 3
1484  LOAD Y  706 803     0.00-    03   16.72-    04                GLOB UNIF     WV 0 3
1485  LOAD Z  706 803     0.00      04   16.72     06                GLOB UNIF     WV 0 3
1486  LOAD X  706 803    16.72-     1   16.72-    02                GLOB UNIF     WV 0 3
1487  LOAD Y  706 803    16.72-    04   16.72-    05                GLOB UNIF     WV 0 3
1488  LOAD Z  706 803    16.72      06   16.72     08                GLOB UNIF     WV 0 3
1489  LOAD X  706 803    33.44-    02   16.72-    02                GLOB UNIF     WV 0 3
1490  LOAD Y  706 803    33.44-    05   16.72-    05                GLOB UNIF     WV 0 3
1491  LOAD Z  706 803    33.44     08   16.72     08                GLOB UNIF     WV 0 3
1492  LOAD Y  801 802     0.00-    13   22.79-    13                GLOB UNIF     WV 0 3
1493  LOAD Z  801 802     0.00-     1   22.79                       GLOB UNIF     WV 0 3
1494  LOAD Y  802 803     0.00-    13   22.79-    13                GLOB UNIF     WV 0 3
1495  LOAD Z  802 803     2.28          20.51     1                GLOB UNIF     WV 0 3
1496  LOAD Z  803 805     0.00-     1   11.40-    02                GLOB UNIF     WV 0 3
1497  LOAD Z  805 806    11.40-    02   11.40-    02                GLOB UNIF     WV 0 3
1498  LOAD Z  805 806     0.00-    02   22.80-    02                GLOB UNIF     WV 0 3
1499  LOAD X  801 804     0.00-    12   22.79-    11                GLOB UNIF     WV 0 3
1500  LOAD Y  801 804     0.00-    07   22.79-    07                GLOB UNIF     WV 0 3
1501  LOAD Z  801 804     0.00-     1   22.79-    02                GLOB UNIF     WV 0 3
1502  LOAD X  804 806     0.00-    11   22.80-    11                GLOB UNIF     WV 0 3
1503  LOAD Y  804 806     0.00-    07   22.80-    06                GLOB UNIF     WV 0 3
1504  LOAD Z  804 806     0.00-    02   22.80-    03                GLOB UNIF     WV 0 3
1505  LOAD Z  802 804     0.00-     1   11.40-     1                GLOB UNIF     WV 0 3
1506  LOAD Z  802 804    11.40-     1   11.40-    02                GLOB UNIF     WV 0 3
1507  LOAD X  802 805     0.00-    09   22.80-    09                GLOB UNIF     WV 0 3
1508  LOAD Y  802 805     0.00-    05   22.80-    05                GLOB UNIF     WV 0 3
1509  LOAD Y  804 805     0.00-    10   22.80-    11                GLOB UNIF     WV 0 3
1510  LOAD Z  804 805     0.00-     1   22.80                       GLOB UNIF     WV 0 3
1511  LOAD X  801 903     0.00-     1   19.67-    02                GLOB UNIF     WV 0 3
1512  LOAD Y  801 903     0.00-    14   19.67-    17                GLOB UNIF     WV 0 3
1513  LOAD Z  801 903     0.00      04   19.67     04                GLOB UNIF     WV 0 3
1514  LOAD X  801 903    19.67-    02   19.67-    02                GLOB UNIF     WV 0 3
1515  LOAD Y  801 903    19.67-    17   19.67-    14                GLOB UNIF     WV 0 3
1516  LOAD Z  801 903    19.67      04   19.67     04                GLOB UNIF     WV 0 3
1517  LOAD X  801 903    39.73-    02   19.67-    02                GLOB UNIF     WV 0 3
1518  LOAD Y  801 903    39.73-    14   19.67-    12                GLOB UNIF     WV 0 3
1519  LOAD Z  801 903    39.73      04   19.67     04                GLOB UNIF     WV 0 3
1520  LOAD X  803 806     0.00-    02   29.80-    02                GLOB UNIF     WV 0 3
1521  LOAD Y  803 806     0.00-    05   29.80-    05                GLOB UNIF     WV 0 3
1522  LOAD Z  803 806     0.00-    06   29.80-    06                GLOB UNIF     WV 0 3
1523  LOAD X  803 806    29.80-    02   29.80-    02                GLOB UNIF     WV 0 3
1524  LOAD Y  803 806    29.80-    05   29.80-    05                GLOB UNIF     WV 0 3
1525  LOAD Z  803 806    29.80-    06   29.80-    05                GLOB UNIF     WV 0 3
1526  LOAD X  806 901     0.00-    16   19.67-    14                GLOB UNIF     WV 0 3
1527  LOAD Y  806 901     0.00-    10   19.67-    10                GLOB UNIF     WV 0 3
1528  LOAD Z  806 901     0.00          19.67     1                GLOB UNIF     WV 0 3
1529  LOAD X  806 901    19.67-    14   19.67-    12                GLOB UNIF     WV 0 3
1530  LOAD Y  806 901    19.67-    10   19.67-    09                GLOB UNIF     WV 0 3
1531  LOAD Z  806 901    19.67      1   19.67     02                GLOB UNIF     WV 0 3
1532  LOAD X  806 901    39.74-    12   19.67-    10                GLOB UNIF     WV 0 3
```

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
```

| | | |

LINE NO.	1...5		1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 0...5...0...5...0...5...0...5...0...5...0...5...0...5...0															
1543	LOAD	Z	9061005	14.07	04	14.07	04							GLOB	UNIF		WV	0 3
1544	LOAD	X	9061005	28.15-	02	14.07-	02							GLOB	UNIF		WV	0 3
1545	LOAD	Y	9061005	28.15-	04	14.07-	04							GLOB	UNIF		WV	0 3
1546	LOAD	Z	9061005	28.15	04	14.07	04							GLOB	UNIF		WV	0 3
1547	LOAD	X	9011004	0.00-	08	14.08-	07							GLOB	UNIF		WV	0 3
1548	LOAD	Y	9011004	0.00-	09	14.08-	08							GLOB	UNIF		WV	0 3
1549	LOAD	Z	9011004	0.00-	04	14.08-	04							GLOB	UNIF		WV	0 3
1550	LOAD	X	9011004	14.08-	07	14.08-	06							GLOB	UNIF		WV	0 3
1551	LOAD	Y	9011004	14.08-	08	14.08-	07							GLOB	UNIF		WV	0 3
1552	LOAD	Z	9011004	14.04-	04	14.08-	03							GLOB	UNIF		WV	0 3
1553	LOAD	X	9011004	28.15-	06	14.08-	05							GLOB	UNIF		WV	0 3
1554	LOAD	Y	9011004	28.15-	07	14.08-	06							GLOB	UNIF		WV	0 3
1555	LOAD	Z	9011004	28.15-	03	14.08-	02							GLOB	UNIF		WV	0 3
1556	LOAD	X	9061004	0.00-	08	14.07-	07							GLOB	UNIF		WV	0 3
1557	LOAD	Y	9061004	0.00-	08	14.07-	08							GLOB	UNIF		WV	0 3
1558	LOAD	Z	9061004	0.00	02	14.07	02							GLOB	UNIF		WV	0 3
1559	LOAD	X	9061004	14.07-	07	14.07-	06							GLOB	UNIF		WV	0 3
1560	LOAD	Y	9061004	14.07-	08	14.07-	07							GLOB	UNIF		WV	0 3
1561	LOAD	Z	9061004	14.07	02	14.07	02							GLOB	UNIF		WV	0 3
1562	LOAD	X	9061004	28.15-	06	14.07-	05							GLOB	UNIF		WV	0 3
1563	LOAD	Y	9061004	28.15-	07	14.07-	07							GLOB	UNIF		WV	0 3
1564	LOAD	Z	9061004	28.15	02	14.07	02							GLOB	UNIF		WV	0 3
1565	LOAD	Y	10011002	0.00-	08	32.04-	09							GLOB	UNIF		WV	0 3
1566	LOAD	Y	10021003	0.00-	09	32.04-	08							GLOB	UNIF		WV	0 3
1567	LOAD	X	10011004	0.00-	07	32.04-	07							GLOB	UNIF		WV	0 3
1568	LOAD	Y	10011004	0.00-	04	32.04-	04							GLOB	UNIF		WV	0 3
1569	LOAD	X	10041003	0.00-	07	32.04-	06							GLOB	UNIF		WV	0 3
1570	LOAD	Y	10041003	0.00-	04	32.04-	03							GLOB	UNIF		WV	0 3
1571	LOAD	X	10021005	0.00-	05	32.04-	05							GLOB	UNIF		WV	0 3
1572	LOAD	Y	10021005	0.00-	03	32.04-	03							GLOB	UNIF		WV	0 3
1573	LOAD	Y	10041005	0.00-	06	32.04-	06							GLOB	UNIF		WV	0 3
1574	LOAD	X	301 401	15.04-	41	4.22-	38							GLOB	UNIF		WV	0 3
1575	LOAD	Y	301 401	15.04-	72	4.22-	66							GLOB	UNIF		WV	0 3
1576	LOAD	X	301 401	20.06-	38	4.22-	35							GLOB	UNIF		WV	0 3
1577	LOAD	Y	301 401	20.06-	66	4.22-	61							GLOB	UNIF		WV	0 3
1578	LOAD	X	301 401	24.26-	35	4.22-	33							GLOB	UNIF		WV	0 3
1579	LOAD	Y	301 401	24.26-	61	4.22-	57							GLOB	UNIF		WV	0 3
1580	LOAD	X	303 403	17.58-	35	5.46-	34							GLOB	UNIF		WV	0 3
1581	LOAD	Y	303 403	17.58-	60	5.46-	59							GLOB	UNIF		WV	0 3
1582	LOAD	X	303 403	23.04-	34	5.46-	31							GLOB	UNIF		WV	0 3
1583	LOAD	Y	303 403	23.04-	59	5.46-	54							GLOB	UNIF		WV	0 3
1584	LOAD	X	306 406	15.21-	42	4.43-	38							GLOB	UNIF		WV	0 3
1585	LOAD	Y	306 406	15.21-	72	4.43-	66							GLOB	UNIF		WV	0 3
1586	LOAD	X	306 406	19.64-	38	4.43-	35							GLOB	UNIF		WV	0 3
1587	LOAD	Y	306 406	19.64-	66	4.43-	61							GLOB	UNIF		WV	0 3
1588	LOAD	X	306 406	24.07-	35	4.43-	32							GLOB	UNIF		WV	0 3
1589	LOAD	Y	306 406	24.07-	61	4.43-	56							GLOB	UNIF		WV	0 3
1590	LOAD	X	401 501	0.00-	56	4.56-	52							GLOB	UNIF		WV	0 3
1591	LOAD	Y	401 501	0.00-	92	4.56-	84							GLOB	UNIF		WV	0 3
1592	LOAD	X	403 503	0.00-	51	4.56-	47							GLOB	UNIF		WV	0 3

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8														
1593	LOAD	Y	403	503	0.00-	92	4.55-	85			GLOB	UNIF		WY	0 3
1594	LOAD	Z	403	503	0.00	15	4.55	14			GLOB	UNIF		WY	0 3
1595	LOAD	X	406	506	0.00-	51	4.55-	47			GLOB	UNIF		WY	0 3
1596	LOAD	Y	406	506	0.00-	91	4.55-	84			GLOB	UNIF		WY	0 3
1597	LOAD	Z	406	506	0.00-	15	4.55-	14			GLOB	UNIF		WY	0 3
1598	LOAD	X	501	601	0.00-	51	8.08-	46			GLOB	UNIF		WY	0 3
1599	LOAD	Y	501	601	0.00-	84	8.08-	75			GLOB	UNIF		WY	0 3
1600	LOAD	X	503	603	0.00-	47	8.08-	42			GLOB	UNIF		WY	0 3
1601	LOAD	Y	503	603	0.00-	84	8.08-	75			GLOB	UNIF		WY	0 3
1602	LOAD	Z	503	603	0.00	14	8.08	12			GLOB	UNIF		WY	0 3
1603	LOAD	X	506	606	0.00-	47	3.04-	44			GLOB	UNIF		WY	0 3
1604	LOAD	Y	506	606	0.00-	83	3.04-	79			GLOB	UNIF		WY	0 3
1605	LOAD	Z	506	606	0.00-	14	3.04-	13			GLOB	UNIF		WY	0 3
1606	LOAD	X	506	606	3.04-	44	3.04-	42			GLOB	UNIF		WY	0 3
1607	LOAD	Y	506	606	3.04-	79	3.04-	75			GLOB	UNIF		WY	0 3
1608	LOAD	Z	506	606	3.04-	13	3.04-	13			GLOB	UNIF		WY	0 3
1609	LOAD	X	601	621	0.00-	46	8.08-	42			GLOB	UNIF		WY	0 3
1610	LOAD	Y	601	621	0.00-	75	8.08-	68			GLOB	UNIF		WY	0 3
1611	LOAD	X	603	623	0.00-	42	8.08-	38			GLOB	UNIF		WY	0 3
1612	LOAD	Y	603	623	0.00-	75	8.08-	68			GLOB	UNIF		WY	0 3
1613	LOAD	Z	603	623	0.00	12	8.08	11			GLOB	UNIF		WY	0 3
1614	LOAD	X	606	626	0.00-	42	8.08-	38			GLOB	UNIF		WY	0 3
1615	LOAD	Y	606	626	0.00-	75	8.08-	68			GLOB	UNIF		WY	0 3
1616	LOAD	Z	606	626	0.00-	12	8.08-	11			GLOB	UNIF		WY	0 3
1617	LOAD	X	621	651	0.00-	64	8.08-	58			GLOB	UNIF		WY	0 3
1618	LOAD	Y	621	651	0.00-	100	8.08-	90			GLOB	UNIF		WY	0 3
1619	LOAD	Z	621	651	0.00-	1	8.08-	1			GLOB	UNIF		WY	0 3
1620	LOAD	X	623	653	0.00-	56	8.08-	51			GLOB	UNIF		WY	0 3
1621	LOAD	Y	623	653	0.00-	103	8.08-	93			GLOB	UNIF		WY	0 3
1622	LOAD	Z	623	653	0.00	17	8.08	15			GLOB	UNIF		WY	0 3
1623	LOAD	X	626	656	0.00-	54	3.04-	51			GLOB	UNIF		WY	0 3
1624	LOAD	Y	626	656	0.00-	99	3.04-	94			GLOB	UNIF		WY	0 3
1625	LOAD	Z	626	656	0.00-	16	3.04-	16			GLOB	UNIF		WY	0 3
1626	LOAD	X	626	656	3.04-	51	3.04-	48			GLOB	UNIF		WY	0 3
1627	LOAD	Y	626	656	3.04-	94	3.04-	89			GLOB	UNIF		WY	0 3
1628	LOAD	Z	626	656	3.04-	16	3.04-	15			GLOB	UNIF		WY	0 3
1629	LOAD	X	651	701	0.00-	58	3.55-	54			GLOB	UNIF		WY	0 3
1630	LOAD	Y	651	701	0.00-	90	3.55-	85			GLOB	UNIF		WY	0 3
1631	LOAD	Z	651	701	0.00-	1	3.55-	1			GLOB	UNIF		WY	0 3
1632	LOAD	X	651	701	3.55-	54	3.55-	51			GLOB	UNIF		WY	0 3
1633	LOAD	Y	651	701	3.55-	85	3.55-	80			GLOB	UNIF		WY	0 3
1634	LOAD	Z	651	701	3.55-	1	3.55-	1			GLOB	UNIF		WY	0 3
1635	LOAD	X	653	703	0.00-	51	3.55-	48			GLOB	UNIF		WY	0 3
1636	LOAD	Y	653	703	0.00-	93	3.55-	88			GLOB	UNIF		WY	0 3
1637	LOAD	Z	653	703	0.00	15	3.55	14			GLOB	UNIF		WY	0 3
1638	LOAD	X	653	703	3.55-	48	3.55-	45			GLOB	UNIF		WY	0 3
1639	LOAD	Y	653	703	3.55-	88	3.55-	83			GLOB	UNIF		WY	0 3
1640	LOAD	Z	653	703	3.55	14	3.55	13			GLOB	UNIF		WY	0 3
1641	LOAD	X	656	706	0.00-	48	3.55-	45			GLOB	UNIF		WY	0 3
1642	LOAD	Y	656	706	0.00-	89	3.55-	83			GLOB	UNIF		WY	0 3

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

 1043 LOAD Z  556 706    0.00-   15   3.55-   14                   GLOB UNIF     WV 0 3
 1044 LOAD X  556 706    3.55-   45   3.55-   42                   GLOB UNIF     WV 0 3
 1045 LOAD Y  556 706    3.55-   83   3.55-   78                   GLOB UNIF     WV 0 3
 1046 LOAD Z  556 706    3.55-   14   3.55-   13                   GLOB UNIF     WV 0 3
 1047 LOAD X  701 801    0.00-   44   9.46-   41                   GLOB UNIF     WV 0 3
 1048 LOAD Y  701 801    0.00-   70   9.46-   64                   GLOB UNIF     WV 0 3
 1049 LOAD Z  701 801    0.00-    1   9.46-    1                   GLOB UNIF     WV 0 3
 1050 LOAD X  701 801    9.46-   41   9.46-   35                   GLOB UNIF     WV 0 3
 1051 LOAD Y  701 801    9.46-   64   9.46-   55                   GLOB UNIF     WV 0 3
 1052 LOAD Z  701 801    9.46-    1   9.46                         GLOB UNIF     WV 0 3
 1053 LOAD X  701 901   10.92-   35   9.46-   31                   GLOB UNIF     WV 0 3
 1054 LOAD Y  701 801   10.92-   55   9.46-   48                   GLOB UNIF     WV 0 3
 1055 LOAD X  703 803    0.00-   43   9.46-   37                   GLOB UNIF     WV 0 3
 1056 LOAD Y  703 803    0.00-   77   9.46-   67                   GLOB UNIF     WV 0 3
 1057 LOAD Z  703 803    0.00    13   9.46    11                   GLOB UNIF     WV 0 3
 1058 LOAD X  703 803    9.46-   57   9.46-   52                   GLOB UNIF     WV 0 3
 1059 LOAD Y  703 803    9.46-   67   9.46-   58                   GLOB UNIF     WV 0 3
 1060 LOAD Z  703 803    9.46    11   9.46    09                   GLOB UNIF     WV 0 3
 1061 LOAD X  703 803   10.92-   32   9.46-   28                   GLOB UNIF     WV 0 3
 1062 LOAD Y  703 803   10.92-   58   9.46-   50                   GLOB UNIF     WV 0 3
 1063 LOAD Z  703 803   10.92    09   9.46    08                   GLOB UNIF     WV 0 3
 1064 LOAD X  706 806    0.00-   41   9.46-   34                   GLOB UNIF     WV 0 3
 1065 LOAD Y  706 806    0.00-   75   9.46-   62                   GLOB UNIF     WV 0 3
 1066 LOAD Z  706 806    0.00-   12   9.46-   10                   GLOB UNIF     WV 0 3
 1067 LOAD X  706 806    9.46-   58   9.46-   28                   GLOB UNIF     WV 0 3
 1068 LOAD Y  706 806    9.46-   62   9.46-   52                   GLOB UNIF     WV 0 3
 1069 LOAD Z  706 806    9.46-   10   9.46-   09                   GLOB UNIF     WV 0 3
 1070 LOAD X  706 806   10.92-   28   9.46-   24                   GLOB UNIF     WV 0 3
 1071 LOAD Y  706 806   10.92-   52   9.46-   44                   GLOB UNIF     WV 0 3
 1072 LOAD Z  706 806   10.92-   09   9.46-   07                   GLOB UNIF     WV 0 3
 1073 LOAD X  801 901    0.00-   31  10.81-   26                   GLOB UNIF     WV 0 3
 1074 LOAD Y  801 901    0.00-   48  10.81-   41                   GLOB UNIF     WV 0 3
 1075 LOAD X  801 901   10.81-   26  10.81-   23                   GLOB UNIF     WV 0 3
 1076 LOAD Y  801 901   10.81-   41  10.81-   36                   GLOB UNIF     WV 0 3
 1077 LOAD X  801 901   21.63-   25  10.81-   20                   GLOB UNIF     WV 0 3
 1078 LOAD Y  801 901   21.63-   36  10.81-   32                   GLOB UNIF     WV 0 3
 1079 LOAD X  803 903    0.00-   28  10.81-   24                   GLOB UNIF     WV 0 3
 1080 LOAD Y  803 903    0.00-   50  10.81-   44                   GLOB UNIF     WV 0 3
 1081 LOAD Z  803 903    0.00    08  10.81    07                   GLOB UNIF     WV 0 3
 1082 LOAD X  803 903   10.81-   24  10.81-   21                   GLOB UNIF     WV 0 3
 1083 LOAD Y  803 903   10.81-   44  10.81-   36                   GLOB UNIF     WV 0 3
 1084 LOAD Z  803 903   10.81    07  10.81    06                   GLOB UNIF     WV 0 3
 1085 LOAD X  803 903   21.63-   21  10.81-   19                   GLOB UNIF     WV 0 3
 1086 LOAD Y  803 903   21.63-   36  10.81-   34                   GLOB UNIF     WV 0 3
 1087 LOAD Z  803 903   21.63    08  10.81    06                   GLOB UNIF     WV 0 3
 1088 LOAD X  806 906    0.00-   24  10.81-   20                   GLOB UNIF     WV 0 3
 1089 LOAD Y  806 906    0.00-   44  10.81-   37                   GLOB UNIF     WV 0 3
 1090 LOAD Z  806 906    0.00-   07  10.81-   06                   GLOB UNIF     WV 0 3
 1091 LOAD X  806 906   10.81-   20  10.81-   17                   GLOB UNIF     WV 0 3
 1092 LOAD Y  806 906   10.81-   37  10.81-   31                   GLOB UNIF     WV 0 3
```

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

 1693 LOAD Z  906 906   10.81-   06  10.81-   05                   GLOB UNIF   WV 0 3
 1694 LOAD X  906 906   21.63-   17  10.81-   14                   GLOB UNIF   WV 0 3
 1695 LOAD Y  906 906   21.63-   31  10.81-   26                   GLOB UNIF   WV 0 3
 1696 LOAD Z  906 906   21.63-   05  10.81-   04                   GLOB UNIF   WV 0 3
 1697 LOAD X  9011001    0.00-   20  10.81-   17                   GLOB UNIF   WV 0 3
 1698 LOAD Y  9011001    0.00-   32  10.81-   29                   GLOB UNIF   WV 0 3
 1699 LOAD X  9011001   10.81-   17  10.81-   16                   GLOB UNIF   WV 0 3
 1700 LOAD Y  9011001   10.81-   29  10.81-   26                   GLOB UNIF   WV 0 3
 1701 LOAD X  9011001   21.63-   16  10.81-   13                   GLOB UNIF   WV 0 3
 1702 LOAD Y  9011001   21.63-   26  10.81-   23                   GLOB UNIF   WV 0 3
 1703 LOAD X  9031003    0.00-   19  10.81-   17                   GLOB UNIF   WV 0 3
 1704 LOAD Y  9031003    0.00-   34  10.81-   31                   GLOB UNIF   WV 0 3
 1705 LOAD Z  9031003    0.00    06  10.81    05                   GLOB UNIF   WV 0 3
 1706 LOAD X  9031003   10.81-   17  10.81-   16                   GLOB UNIF   WV 0 3
 1707 LOAD Y  9031003   10.81-   31  10.81-   29                   GLOB UNIF   WV 0 3
 1708 LOAD Z  9031003   10.81    05  10.81    05                   GLOB UNIF   WV 0 3
 1709 LOAD X  9031003   21.63-   16  10.81-   14                   GLOB UNIF   WV 0 3
 1710 LOAD Y  9031003   21.63-   29  10.81-   26                   GLOB UNIF   WV 0 3
 1711 LOAD Z  9031003   21.63    05  10.81    04                   GLOB UNIF   WV 0 3
 1712 LOAD X  9061006    0.00-   14  10.81-   12                   GLOB UNIF   WV 0 3
 1713 LOAD Y  9061006    0.00-   26  10.81-   22                   GLOB UNIF   WV 0 3
 1714 LOAD Z  9061006    0.00-   04  10.81-   04                   GLOB UNIF   WV 0 3
 1715 LOAD X  9061006   10.81-   12  10.81-   10                   GLOB UNIF   WV 0 3
 1716 LOAD Y  9061006   10.81-   22  10.81-   18                   GLOB UNIF   WV 0 3
 1717 LOAD Z  9061006   10.81-   04  10.81-   03                   GLOB UNIF   WV 0 3
 1718 LOAD X  9061006   21.63-   10  10.81-   08                   GLOB UNIF   WV 0 3
 1719 LOAD Y  9061006   21.63-   18  10.81-   14                   GLOB UNIF   WV 0 3
 1720 LOAD Z  9061006   21.63-   03  10.81-   02                   GLOB UNIF   WV 0 3
 1721 LOADCM  4
 1722 LOAD Y  510 710    7.59-   46                                GLOB CONC   WN 0 4
 1723 LOAD X  510 710                                 7.59  36436 GLOB MOMT   WN 0 4
 1724 LOAD Y  511 711    7.59-   46                                GLOB CONC   WN 0 4
 1725 LOAD X  511 711                                 7.59  36436 GLOB MOMT   WN 0 4
 1726 LOAD Y  512 712    7.59-   46                                GLOB CONC   WN 0 4
 1727 LOAD X  512 712                                 7.59  36436 GLOB MOMT   WN 0 4
 1728 LOAD Y  510 710    7.59-   47                                GLOB CONC   WN 0 4
 1729 LOAD X  510 710                                 7.59  33785 GLOB MOMT   WN 0 4
 1730 LOAD Y  511 711    7.59-   47                                GLOB CONC   WN 0 4
 1731 LOAD X  511 711                                 7.59  33785 GLOB MOMT   WN 0 4
 1732 LOAD Y  512 712    7.59-   47                                GLOB CONC   WN 0 4
 1733 LOAD X  512 712                                 7.59  33785 GLOB MOMT   WN 0 4
 1734 LOAD X  301 403   23.05-    1   5.87-    1                   GLOB UNIF   WV 0 4
 1735 LOAD Y  301 403   23.05-   65   5.87-   60                   GLOB UNIF   WV 0 4
 1736 LOAD Z  301 403   23.05     1   5.87     1                   GLOB UNIF   WV 0 4
 1737 LOAD X  301 403   26.92-    1   5.87-    1                   GLOB UNIF   WV 0 4
 1738 LOAD Y  301 403   26.92-   60   5.87-   56                   GLOB UNIF   WV 0 4
 1739 LOAD Z  301 403   26.92     1   5.87     1                   GLOB UNIF   WV 0 4
 1740 LOAD X  301 403   34.79-    1   5.87-    1                   GLOB UNIF   WV 0 4
 1741 LOAD Y  301 403   34.79-   56   5.87-   52                   GLOB UNIF   WV 0 4
 1742 LOAD Z  301 403   34.79     1   5.87     1                   GLOB UNIF   WV 0 4
```

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
```

1743	LOAD	Y	501	502	0.00-	32	15.15-	32					GLOB	UNIF		WV	0	4	
1744	LOAD	Z	501	502	0.00	02	15.15	02					GLOB	UNIF		WV	0	4	
1745	LOAD	Y	502	503	0.00-	32	15.15-	32					GLOB	UNIF		WV	0	4	
1746	LOAD	Z	502	503	0.00	02	15.15	02					GLOB	UNIF		WV	0	4	
1747	LOAD	X	503	505	0.00	07	15.15	07					GLOB	UNIF		WV	0	4	
1748	LOAD	Y	503	505	0.00-	04	15.15-	04					GLOB	UNIF		WV	0	4	
1749	LOAD	Z	503	505	0.00		15.15-	02					GLOB	UNIF		WV	0	4	
1750	LOAD	X	505	506	0.00	07	15.15	07					GLOB	UNIF		WV	0	4	
1751	LOAD	Y	505	506	0.00-	04	15.15-	04					GLOB	UNIF		WV	0	4	
1752	LOAD	Z	505	506	0.00-	02	15.15-	04					GLOB	UNIF		WV	0	4	
1753	LOAD	X	501	504	0.00-	07	15.15-	07					GLOB	UNIF		WV	0	4	
1754	LOAD	Y	501	504	0.00-	04	15.15-	04					GLOB	UNIF		WV	0	4	
1755	LOAD	Z	501	504	0.00		15.15-	02					GLOB	UNIF		WV	0	4	
1756	LOAD	X	504	505	0.00-	07	15.15-	07					GLOB	UNIF		WV	0	4	
1757	LOAD	Y	504	506	0.00-	04	15.15-	04					GLOB	UNIF		WV	0	4	
1758	LOAD	Z	504	505	0.00-	02	15.15-	04					GLOB	UNIF		WV	0	4	
1759	LOAD	X	502	504	0.00	05	15.15	05					GLOB	UNIF		WV	0	4	
1760	LOAD	Y	502	504	0.00-	03	15.15-	03					GLOB	UNIF		WV	0	4	
1761	LOAD	Z	502	504	5.41		9.74-	1					GLOB	UNIF		WV	0	4	
1762	LOAD	X	502	505	0.00-	05	15.15-	05					GLOB	UNIF		WV	0	4	
1763	LOAD	Y	502	505	0.00-	03	15.15-	03					GLOB	UNIF		WV	0	4	
1764	LOAD	Z	502	505	5.41		9.74-	1					GLOB	UNIF		WV	0	4	
1765	LOAD	Y	504	505	0.00-	21	15.16-	21					GLOB	UNIF		WV	0	4	
1766	LOAD	X	501	513	0.00-	09	2.99-	09					GLOB	UNIF		WV	0	4	
1767	LOAD	Y	501	513	0.00-	15	2.99-	15					GLOB	UNIF		WV	0	4	
1768	LOAD	Z	501	513	0.00	02	2.99	02					GLOB	UNIF		WV	0	4	
1769	LOAD	X	503	514	0.00	09	2.99	09					GLOB	UNIF		WV	0	4	
1770	LOAD	Y	503	514	0.00-	15	2.99-	15					GLOB	UNIF		WV	0	4	
1771	LOAD	Z	503	514	0.00	02	2.99	02					GLOB	UNIF		WV	0	4	
1772	LOAD	Y	513	651	0.00-	61	0.00-	75					GLOB	UNIF		WV	0	4	
1773	LOAD	Y	513	651	6.00-	75	0.00-	60					GLOB	UNIF		WV	0	4	
1774	LOAD	Y	513	651	12.00-	66	6.00-	60					GLOB	UNIF		WV	0	4	
1775	LOAD	Y	514	653	0.00-	81	0.00-	75					GLOB	UNIF		WV	0	4	
1776	LOAD	Y	514	653	0.00-	75	0.00-	60					GLOB	UNIF		WV	0	4	
1777	LOAD	Y	514	653	12.00-	66	6.00-	60					GLOB	UNIF		WV	0	4	
1778	LOAD	Z	601	611	0.00-	1	3.00-	1					GLOB	UNIF		WV	0	4	
1779	LOAD	Z	601	611	3.00-	1	3.00-	1					GLOB	UNIF		WV	0	4	
1780	LOAD	Z	603	613	0.00-	1	3.00-	1					GLOB	UNIF		WV	0	4	
1781	LOAD	Z	603	613	3.00-	1	3.00-	1					GLOB	UNIF		WV	0	4	
1782	LOAD	Z	651	661	0.00-	1	5.00-	1					GLOB	UNIF		WV	0	4	
1783	LOAD	Z	653	663	0.00-	1	5.00-	1					GLOB	UNIF		WV	0	4	
1784	LOAD	Y	611	612	0.00-	21	16.01-	21					GLOB	UNIF		WV	0	4	
1785	LOAD	Z	611	612	0.00	03	16.01	03					GLOB	UNIF		WV	0	4	
1786	LOAD	Y	612	613	0.00-	21	16.01-	21					GLOB	UNIF		WV	0	4	
1787	LOAD	Z	612	613	0.00	03	16.01	03					GLOB	UNIF		WV	0	4	
1788	LOAD	Y	601	602	0.00-	39	17.74-	39					GLOB	UNIF		WV	0	4	
1789	LOAD	Z	601	602	0.00	1	17.74	1					GLOB	UNIF		WV	0	4	
1790	LOAD	Y	602	603	0.00-	39	17.74-	39					GLOB	UNIF		WV	0	4	
1791	LOAD	Z	602	603	0.00	1	17.74	1					GLOB	UNIF		WV	0	4	
1792	LOAD	Y	611	601	0.00-	53	0.06-	46					GLOB	UNIF		WV	0	4	

LINE NO.	1	2	3	4	5	6	7	8
1793	LOAD Y 611 601	6.06- 48	6.06- 44			GLOB UNIF	WV 0 4	
1794	LOAD Y 612 602	0.00- 35	6.00- 31			GLOB UNIF	WV 0 4	
1795	LOAD Y 612 602	6.00- 31	6.00- 28			GLOB UNIF	WV 0 4	
1796	LOAD Y 613 603	0.00- 53	6.06- 48			GLOB UNIF	WV 0 4	
1797	LOAD Y 613 603	6.06- 48	6.06- 44			GLOB UNIF	WV 0 4	
1798	LOAD A 501 622	0.00 1	10.21 1			GLOB UNIF	WV 0 4	
1799	LOAD Y 501 622	0.00- 40	10.21- 36			GLOB UNIF	WV 0 4	
1800	LOAD Z 501 622	0.00 02	10.21 02			GLOB UNIF	WV 0 4	
1801	LOAD A 501 622	10.21 1	10.21 1			GLOB UNIF	WV 0 4	
1802	LOAD Y 501 622	10.21- 36	10.21- 32			GLOB UNIF	WV 0 4	
1803	LOAD Z 501 622	10.21 02	10.21 02			GLOB UNIF	WV 0 4	
1804	LOAD A 622 703	0.00 03	7.26 02			GLOB UNIF	WV 0 4	
1805	LOAD Y 622 703	0.00- 50	7.26- 46			GLOB UNIF	WV 0 4	
1806	LOAD Z 622 703	0.00 1	7.26 1			GLOB UNIF	WV 0 4	
1807	LOAD A 622 703	7.26 02	7.26 02			GLOB UNIF	WV 0 4	
1808	LOAD Y 622 703	7.26- 46	7.26- 43			GLOB UNIF	WV 0 4	
1809	LOAD Z 622 703	7.26 1	7.26			GLOB UNIF	WV 0 4	
1810	LOAD A 622 703	14.51 02	7.26 02			GLOB UNIF	WV 0 4	
1811	LOAD Y 622 703	14.51- 43	7.26- 40			GLOB UNIF	WV 0 4	
1812	LOAD A 503 625	0.00 06	20.25 05			GLOB UNIF	WV 0 4	
1813	LOAD Y 503 625	0.00- 12	20.25- 12			GLOB UNIF	WV 0 4	
1814	LOAD Z 503 625	0.00- 11	20.25- 11			GLOB UNIF	WV 0 4	
1815	LOAD A 625 706	0.00 07	10.96 06			GLOB UNIF	WV 0 4	
1816	LOAD Y 625 706	0.00- 20	10.96- 19			GLOB UNIF	WV 0 4	
1817	LOAD Z 625 706	0.00- 20	10.96- 19			GLOB UNIF	WV 0 4	
1818	LOAD A 625 706	10.96 06	10.96 05			GLOB UNIF	WV 0 4	
1819	LOAD Y 625 706	10.96- 19	10.96- 17			GLOB UNIF	WV 0 4	
1820	LOAD Z 625 706	10.96- 19	10.96- 18			GLOB UNIF	WV 0 4	
1821	LOAD A 506 624	0.00- 10	20.24- 08			GLOB UNIF	WV 0 4	
1822	LOAD Y 506 624	0.00- 12	20.24- 13			GLOB UNIF	WV 0 4	
1823	LOAD Z 506 624	0.00 06	20.24 06			GLOB UNIF	WV 0 4	
1824	LOAD A 624 701	0.00- 13	10.97- 12			GLOB UNIF	WV 0 4	
1825	LOAD Y 624 701	0.00- 16	10.97- 16			GLOB UNIF	WV 0 4	
1826	LOAD Z 624 701	0.00 10	10.97 11			GLOB UNIF	WV 0 4	
1827	LOAD A 624 701	10.97- 12	10.97- 11			GLOB UNIF	WV 0 4	
1828	LOAD Y 624 701	10.97- 18	10.97- 17			GLOB UNIF	WV 0 4	
1829	LOAD Z 624 701	10.97 11	10.97 12			GLOB UNIF	WV 0 4	
1830	LOAD Y 701 702	0.00- 26	18.76- 26			GLOB UNIF	WV 0 4	
1831	LOAD Z 701 702	0.00 1	18.76 1			GLOB UNIF	WV 0 4	
1832	LOAD Y 702 703	0.00- 26	18.76- 26			GLOB UNIF	WV 0 4	
1833	LOAD Z 702 703	0.00 1	18.76 1			GLOB UNIF	WV 0 4	
1834	LOAD A 703 705	0.00 06	18.75 06			GLOB UNIF	WV 0 4	
1835	LOAD Y 703 705	0.00- 03	18.75- 03			GLOB UNIF	WV 0 4	
1836	LOAD Z 703 705	0.00- 1	18.75- 03			GLOB UNIF	WV 0 4	
1837	LOAD A 705 706	0.00 06	18.76 05			GLOB UNIF	WV 0 4	
1838	LOAD Y 705 706	0.00- 03	18.76- 03			GLOB UNIF	WV 0 4	
1839	LOAD Z 705 706	0.00- 03	18.76- 04			GLOB UNIF	WV 0 4	
1840	LOAD A 701 704	0.00- 06	18.75- 06			GLOB UNIF	WV 0 4	
1841	LOAD Y 701 704	0.00- 03	18.75- 03			GLOB UNIF	WV 0 4	
1842	LOAD Z 701 704	0.00- 1	18.75- 03			GLOB UNIF	WV 0 4	

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1043 LOAD X  704 706    0.00-  06  16.76-  05                  GLOB UNIF     WV 0 4
    1044 LOAD Y  704 706    0.00-  03  16.76-  03                  GLOB UNIF     WV 0 4
    1045 LOAD Z  704 706    0.00-  05  16.76-  04                  GLOB UNIF     WV 0 4
    1046 LOAD X  702 704    0.00   05  16.75   05                  GLOB UNIF     WV 0 4
    1047 LOAD Y  702 704    0.00-  03  16.75-  03                  GLOB UNIF     WV 0 4
    1048 LOAD Z  702 704    0.00-   1  16.75-  02                  GLOB UNIF     WV 0 4
    1049 LOAD X  702 705    0.00-  05  16.75-  05                  GLOB UNIF     WV 0 4
    1050 LOAD Y  702 705    0.00-  03  16.75-  03                  GLOB UNIF     WV 0 4
    1051 LOAD Z  702 705    0.00-   1  16.75-  02                  GLOB UNIF     WV 0 4
    1052 LOAD Y  704 705    0.00-  23  16.76-  23                  GLOB UNIF     WV 0 4
    1053 LOAD Z  704 705    0.00-  02  16.76-  02                  GLOB UNIF     WV 0 4
    1054 LOAD X  701 806    0.00-  06  16.72-  05                  GLOB UNIF     WV 0 4
    1055 LOAD Y  701 806    0.00-  12  16.72-  12                  GLOB UNIF     WV 0 4
    1056 LOAD Z  701 806    0.00-  13  16.72-  13                  GLOB UNIF     WV 0 4
    1057 LOAD X  701 806   16.72-  05  16.72-  04                  GLOB UNIF     WV 0 4
    1058 LOAD Y  701 806   16.72-  12  16.72-  11                  GLOB UNIF     WV 0 4
    1059 LOAD Z  701 806   16.72-  15  16.72-  12                  GLOB UNIF     WV 0 4
    1060 LOAD X  701 806   33.44-  04  16.72-  03                  GLOB UNIF     WV 0 4
    1061 LOAD Y  701 806   33.44-  11  16.72-  10                  GLOB UNIF     WV 0 4
    1062 LOAD Z  701 806   33.44-  12  16.72-  11                  GLOB UNIF     WV 0 4
    1063 LOAD X  703 801    0.00-  02  16.72-  02                  GLOB UNIF     WV 0 4
    1064 LOAD Y  703 801    0.00-  40  16.72-  33                  GLOB UNIF     WV 0 4
    1065 LOAD X  703 801   16.72-  02  16.72-  02                  GLOB UNIF     WV 0 4
    1066 LOAD Y  703 801   16.72-  33  16.72-  29                  GLOB UNIF     WV 0 4
    1067 LOAD X  703 801   33.44-  02  16.72-   1                  GLOB UNIF     WV 0 4
    1068 LOAD Y  703 801   33.44-  29  16.72-  25                  GLOB UNIF     WV 0 4
    1069 LOAD X  706 803    0.00   10  16.72   09                  GLOB UNIF     WV 0 4
    1070 LOAD Y  706 803    0.00-  09  16.72-  10                  GLOB UNIF     WV 0 4
    1071 LOAD Z  706 803    0.00   05  16.72   05                  GLOB UNIF     WV 0 4
    1072 LOAD X  706 803   16.72   09  16.72   08                  GLOB UNIF     WV 0 4
    1073 LOAD Y  706 803   16.72-  10  16.72-  10                  GLOB UNIF     WV 0 4
    1074 LOAD Z  706 803   16.72   05  16.72   06                  GLOB UNIF     WV 0 4
    1075 LOAD X  706 803   33.44   08  16.72   07                  GLOB UNIF     WV 0 4
    1076 LOAD Y  706 803   33.44-  10  16.72-  10                  GLOB UNIF     WV 0 4
    1077 LOAD Z  706 803   33.44   06  16.72   06                  GLOB UNIF     WV 0 4
    1078 LOAD Y  801 802    0.00-  18  22.79-  18                  GLOB UNIF     WV 0 4
    1079 LOAD Y  802 803    0.00-  18  22.79-  18                  GLOB UNIF     WV 0 4
    1080 LOAD X  803 805    0.00   04  22.79   04                  GLOB UNIF     WV 0 4
    1081 LOAD Y  803 805    0.00-  02  22.79-  02                  GLOB UNIF     WV 0 4
    1082 LOAD Z  803 805    0.00-   1  22.79-  02                  GLOB UNIF     WV 0 4
    1083 LOAD X  805 806    0.00   04  22.80   03                  GLOB UNIF     WV 0 4
    1084 LOAD Y  805 806    0.00-  02  22.80-  02                  GLOB UNIF     WV 0 4
    1085 LOAD Z  805 806    0.00-  02  22.80-  03                  GLOB UNIF     WV 0 4
    1086 LOAD X  801 804    0.00-  04  22.79-  04                  GLOB UNIF     WV 0 4
    1087 LOAD Y  801 804    0.00-  02  22.79-  02                  GLOB UNIF     WV 0 4
    1088 LOAD Z  801 804    0.00-   1  22.79-  02                  GLOB UNIF     WV 0 4
    1089 LOAD X  804 806    0.00-  04  22.80-  03                  GLOB UNIF     WV 0 4
    1090 LOAD Y  804 806    0.00-  02  22.80-  02                  GLOB UNIF     WV 0 4
    1091 LOAD Z  804 806    0.00-  02  22.80-  03                  GLOB UNIF     WV 0 4
    1092 LOAD X  802 804    0.00   03  22.80   03                  GLOB UNIF     WV 0 4
```

LINE NO.	1...5	1 1 0...5	2 2 0...5	3 3 0...5	4 4 0...5	5 5 0...5	6 6 0...5	7 7 0...5	8 0
1893	LOAD Y	802 804	0.00-	02	22.80-	02	GLOB UNIF	WV 0 4	
1894	LOAD Z	802 804	0.00-	1	22.80-	1	GLOB UNIF	WV 0 4	
1895	LOAD X	802 805	0.00-	03	22.80-	03	GLOB UNIF	WV 0 4	
1896	LOAD Y	802 805	0.00-	02	22.80-	02	GLOB UNIF	WV 0 4	
1897	LOAD Z	802 805	0.00-	1	22.80-	1	GLOB UNIF	WV 0 4	
1898	LOAD Y	804 805	0.00-	14	22.80-	14	GLOB UNIF	WV 0 4	
1899	LOAD Z	804 805	0.00-	1	22.80-	1	GLOB UNIF	WV 0 4	
1900	LOAD X	901 903	0.00	1	19.87	1	GLOB UNIF	WV 0 4	
1901	LOAD Y	901 903	0.00-	25	19.87-	21	GLOB UNIF	WV 0 4	
1902	LOAD X	901 903	19.87	1	19.87	1	GLOB UNIF	WV 0 4	
1903	LOAD Y	901 903	19.87-	21	19.87-	18	GLOB UNIF	WV 0 4	
1904	LOAD X	901 903	39.73	1	19.87	1	GLOB UNIF	WV 0 4	
1905	LOAD Y	901 903	39.73-	18	19.87-	16	GLOB UNIF	WV 0 4	
1906	LOAD X	903 906	0.00	04	19.87	03	GLOB UNIF	WV 0 4	
1907	LOAD Y	903 906	0.00-	08	19.87-	07	GLOB UNIF	WV 0 4	
1908	LOAD Z	903 906	0.00-	08	19.87-	08	GLOB UNIF	WV 0 4	
1909	LOAD X	903 906	19.87	03	19.87	03	GLOB UNIF	WV 0 4	
1910	LOAD Y	903 906	19.87-	07	19.87-	06	GLOB UNIF	WV 0 4	
1911	LOAD Z	903 906	19.87-	08	19.87-	07	GLOB UNIF	WV 0 4	
1912	LOAD X	903 906	39.73	03	19.87	02	GLOB UNIF	WV 0 4	
1913	LOAD Y	903 906	39.73-	06	19.87-	05	GLOB UNIF	WV 0 4	
1914	LOAD Z	903 906	39.73-	07	19.87-	05	GLOB UNIF	WV 0 4	
1915	LOAD X	906 901	0.00-	06	19.87-	06	GLOB UNIF	WV 0 4	
1916	LOAD Y	906 901	0.00-	05	19.87-	06	GLOB UNIF	WV 0 4	
1917	LOAD Z	906 901	0.00	1	19.87	03	GLOB UNIF	WV 0 4	
1918	LOAD X	906 901	19.87-	06	19.87-	05	GLOB UNIF	WV 0 4	
1919	LOAD Y	906 901	19.87-	06	19.87-	06	GLOB UNIF	WV 0 4	
1920	LOAD Z	906 901	19.87	03	19.87	04	GLOB UNIF	WV 0 4	
1921	LOAD X	906 901	39.74-	05	19.87-	04	GLOB UNIF	WV 0 4	
1922	LOAD Y	906 901	39.74-	06	19.87-	06	GLOB UNIF	WV 0 4	
1923	LOAD Z	906 901	39.74	04	19.87	04	GLOB UNIF	WV 0 4	
1924	LOAD Y	901 902	0.00-	13	27.42-	13	GLOB UNIF	WV 0 4	
1925	LOAD Y	902 903	0.00-	13	27.42-	13	GLOB UNIF	WV 0 4	
1926	LOAD X	903 905	0.00	03	27.41	03	GLOB UNIF	WV 0 4	
1927	LOAD Y	903 905	0.00-	02	27.41-	02	GLOB UNIF	WV 0 4	
1928	LOAD Z	903 905	0.00-	1	27.41-	1	GLOB UNIF	WV 0 4	
1929	LOAD X	905 906	0.00	03	27.42	02	GLOB UNIF	WV 0 4	
1930	LOAD Y	905 906	0.00-	02	27.42-	1	GLOB UNIF	WV 0 4	
1931	LOAD Z	905 906	0.00-	1	27.42-	02	GLOB UNIF	WV 0 4	
1932	LOAD X	901 904	0.00-	03	27.41-	03	GLOB UNIF	WV 0 4	
1933	LOAD Y	901 904	0.00-	02	27.41-	02	GLOB UNIF	WV 0 4	
1934	LOAD Z	901 904	0.00-	1	27.41-	1	GLOB UNIF	WV 0 4	
1935	LOAD X	904 905	0.00-	03	27.42-	02	GLOB UNIF	WV 0 4	
1936	LOAD Y	904 905	0.00-	02	27.42-	1	GLOB UNIF	WV 0 4	
1937	LOAD Z	904 906	0.00-	1	27.42-	02	GLOB UNIF	WV 0 4	
1938	LOAD X	902 904	0.00	02	27.41	02	GLOB UNIF	WV 0 4	
1939	LOAD Y	902 904	0.00-	1	27.41-	1	GLOB UNIF	WV 0 4	
1940	LOAD Z	902 904	0.00		27.41-	1	GLOB UNIF	WV 0 4	
1941	LOAD X	902 905	0.00-	02	27.41-	02	GLOB UNIF	WV 0 4	
1942	LOAD Y	902 905	0.00-	1	27.41-	1	GLOB UNIF	WV 0 4	

```
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
   1943  LOAD Z  902 905     0.00          27.41-     1          GLOB UNIF      WV 0 4
   1944  LOAD Y  904 905     0.00-    09   27.42-    09          GLOB UNIF      WV 0 4
   1945  LOAD Z  904 905     0.00-     1   27.42-     1          GLOB UNIF      WV 0 4
   1946  LOAD X  9011002     0.00      1   14.08      1          GLOB UNIF      WV 0 4
   1947  LOAD Y  9011002     0.00-    14   14.08-    13          GLOB UNIF      WV 0 4
   1948  LOAD X  9011002    14.08      1   14.08      1          GLOB UNIF      WV 0 4
   1949  LOAD Y  9011002    14.08-    13   14.08-    12          GLOB UNIF      WV 0 4
   1950  LOAD X  9011002    28.15      1   14.08                 GLOB UNIF      WV 0 4
   1951  LOAD Y  9011002    28.15-    12   14.08-    10          GLOB UNIF      WV 0 4
   1952  LOAD X  9031002     0.00-     1   14.08-     1          GLOB UNIF      WV 0 4
   1953  LOAD Y  9031002     0.00-    14   14.08-    13          GLOB UNIF      WV 0 4
   1954  LOAD X  9031002    14.08-     1   14.08-     1          GLOB UNIF      WV 0 4
   1955  LOAD Y  9031002    14.08-    13   14.08-    12          GLOB UNIF      WV 0 4
   1956  LOAD X  9031002    28.15-     1   14.08                 GLOB UNIF      WV 0 4
   1957  LOAD Y  9031002    28.15-    12   14.08-    10          GLOB UNIF      WV 0 4
   1958  LOAD X  9031005     0.00     02   14.08      1          GLOB UNIF      WV 0 4
   1959  LOAD Y  9031005     0.00-    08   14.08-    07          GLOB UNIF      WV 0 4
   1960  LOAD Z  9031005     0.00-    05   14.08-    05          GLOB UNIF      WV 0 4
   1961  LOAD X  9031005    14.08      1   14.08      1          GLOB UNIF      WV 0 4
   1962  LOAD Y  9031005    14.08-    07   14.08-    06          GLOB UNIF      WV 0 4
   1963  LOAD Z  9031005    14.08-    05   14.08-    04          GLOB UNIF      WV 0 4
   1964  LOAD X  9031005    28.15      1   14.08      1          GLOB UNIF      WV 0 4
   1965  LOAD Y  9031005    28.15-    06   14.08-    05          GLOB UNIF      WV 0 4
   1966  LOAD Z  9031005    28.15-    04   14.08-    03          GLOB UNIF      WV 0 4
   1967  LOAD X  9061005     0.00     03   14.07     02          GLOB UNIF      WV 0 4
   1968  LOAD Y  9061005     0.00-    06   14.07-    06          GLOB UNIF      WV 0 4
   1969  LOAD Z  9061005     0.00     03   14.07     03          GLOB UNIF      WV 0 4
   1970  LOAD X  9061005    14.07     02   14.07     02          GLOB UNIF      WV 0 4
   1971  LOAD Y  9061005    14.07-    06   14.07-    06          GLOB UNIF      WV 0 4
   1972  LOAD Z  9061005    14.07     03   14.07     03          GLOB UNIF      WV 0 4
   1973  LOAD X  9061005    28.15     02   14.07     02          GLOB UNIF      WV 0 4
   1974  LOAD Y  9061005    28.15-    06   14.07-    06          GLOB UNIF      WV 0 4
   1975  LOAD Z  9061005    28.15     03   14.07     03          GLOB UNIF      WV 0 4
   1976  LOAD X  9011004     0.00-    02   14.08-     1          GLOB UNIF      WV 0 4
   1977  LOAD Y  9011004     0.00-    08   14.08-    07          GLOB UNIF      WV 0 4
   1978  LOAD Z  9011004     0.00-    05   14.08-    05          GLOB UNIF      WV 0 4
   1979  LOAD X  9011004    14.08-     1   14.08-     1          GLOB UNIF      WV 0 4
   1980  LOAD Y  9011004    14.08-    07   14.08-    06          GLOB UNIF      WV 0 4
   1981  LOAD Z  9011004    14.08-    05   14.08-    04          GLOB UNIF      WV 0 4
   1982  LOAD X  9011004    28.15-     1   14.08-     1          GLOB UNIF      WV 0 4
   1983  LOAD Y  9011004    28.15-    06   14.08-    05          GLOB UNIF      WV 0 4
   1984  LOAD Z  9011004    28.15-    04   14.08-    03          GLOB UNIF      WV 0 4
   1985  LOAD X  9061004     0.00-    03   14.07-    02          GLOB UNIF      WV 0 4
   1986  LOAD Y  9061004     0.00-    06   14.07-    06          GLOB UNIF      WV 0 4
   1987  LOAD Z  9061004     0.00     03   14.07     03          GLOB UNIF      WV 0 4
   1988  LOAD X  9061004    14.07-    02   14.07-    02          GLOB UNIF      WV 0 4
   1989  LOAD Y  9061004    14.07-    06   14.07-    06          GLOB UNIF      WV 0 4
   1990  LOAD Z  9061004    14.07     03   14.07     03          GLOB UNIF      WV 0 4
   1991  LOAD X  9061004    28.15-    02   14.07-    02          GLOB UNIF      WV 0 4
   1992  LOAD Y  9061004    28.15-    06   14.07-    06          GLOB UNIF      WV 0 4
```

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1993	LOAD Z	9001004	28.15	03	14.07	03					GLOB	UNIF	WV	0	4
1994	LOAD Y	10011002	0.00-	11	32.04-	11					GLOB	UNIF	WV	0	4
1995	LOAD Y	10021003	0.00-	11	32.04-	11					GLOB	UNIF	WV	0	4
1996	LOAD X	10031005	0.00	03	16.02	03					GLOB	UNIF	WV	0	4
1997	LOAD Y	10031005	0.00-	02	16.02-	1					GLOB	UNIF	WV	0	4
1998	LOAD X	10031005	16.02	03	16.02	02					GLOB	UNIF	WV	0	4
1999	LOAD Y	10031005	16.02-	1	16.02-	1					GLOB	UNIF	WV	0	4
2000	LOAD X	10051005	0.00	02	16.02	02					GLOB	UNIF	WV	0	4
2001	LOAD Y	10051005	0.00-	1	16.02-	1					GLOB	UNIF	WV	0	4
2002	LOAD X	10051006	16.02	02	16.02	1					GLOB	UNIF	WV	0	4
2003	LOAD Y	10051006	16.02-	1	16.02-	1					GLOB	UNIF	WV	0	4
2004	LOAD X	10011004	0.00-	03	16.02-	03					GLOB	UNIF	WV	0	4
2005	LOAD Y	10011004	0.00-	02	16.02-	1					GLOB	UNIF	WV	0	4
2006	LOAD X	10011004	16.02-	03	16.02-	02					GLOB	UNIF	WV	0	4
2007	LOAD Y	10011004	16.02-	1	16.02-	1					GLOB	UNIF	WV	0	4
2008	LOAD X	10041006	0.00-	02	16.02-	02					GLOB	UNIF	WV	0	4
2009	LOAD Y	10041006	0.00-	1	16.02-	1					GLOB	UNIF	WV	0	4
2010	LOAD X	10041005	16.02-	02	16.02-	1					GLOB	UNIF	WV	0	4
2011	LOAD Y	10041006	16.02-	1	16.02-	1					GLOB	UNIF	WV	0	4
2012	LOAD X	10021004	0.00	02	16.02	02					GLOB	UNIF	WV	0	4
2013	LOAD Y	10021004	0.00-	1	16.02-	1					GLOB	UNIF	WV	0	4
2014	LOAD X	10021004	16.02	02	16.02	02					GLOB	UNIF	WV	0	4
2015	LOAD Y	10021004	16.02-	1	16.02-	1					GLOB	UNIF	WV	0	4
2016	LOAD X	10021005	0.00-	02	16.02-	02					GLOB	UNIF	WV	0	4
2017	LOAD Y	10021005	0.00-	1	16.02-	1					GLOB	UNIF	WV	0	4
2018	LOAD X	10021005	16.02-	02	16.02-	02					GLOB	UNIF	WV	0	4
2019	LOAD Y	10021005	16.02-	1	16.02-	1					GLOB	UNIF	WV	0	4
2020	LOAD Y	10041005	0.00-	08	32.08-	08					GLOB	UNIF	WV	0	4
2021	LOAD Y	301 401	16.16-	82	4.11-	76					GLOB	UNIF	WV	0	4
2022	LOAD Y	301 401	20.27-	76	4.11-	70					GLOB	UNIF	WV	0	4
2023	LOAD Y	301 401	24.39-	70	4.11-	65					GLOB	UNIF	WV	0	4
2024	LOAD Y	303 403	16.16-	82	4.11-	76					GLOB	UNIF	WV	0	4
2025	LOAD Y	303 403	20.27-	76	4.11-	70					GLOB	UNIF	WV	0	4
2026	LOAD Y	303 403	24.39-	70	4.11-	65					GLOB	UNIF	WV	0	4
2027	LOAD Y	306 406	15.34-	81	4.39-	74					GLOB	UNIF	WV	0	4
2028	LOAD Y	306 406	19.73-	74	4.39-	66					GLOB	UNIF	WV	0	4
2029	LOAD Y	306 406	24.11-	66	4.39-	63					GLOB	UNIF	WV	0	4
2030	LOAD X	401 501	0.00-	03	4.56-	03					GLOB	UNIF	WV	0	4
2031	LOAD Y	401 501	0.00-	106	4.56-	96					GLOB	UNIF	WV	0	4
2032	LOAD Z	401 501	0.00	09	4.56	08					GLOB	UNIF	WV	0	4
2033	LOAD X	403 503	0.00	03	4.56	03					GLOB	UNIF	WV	0	4
2034	LOAD Y	403 503	0.00-	106	4.56-	96					GLOB	UNIF	WV	0	4
2035	LOAD Z	403 503	0.00	09	4.56	08					GLOB	UNIF	WV	0	4
2036	LOAD Y	406 506	0.00-	105	4.56-	94					GLOB	UNIF	WV	0	4
2037	LOAD Z	406 506	0.00-	17	4.56-	16					GLOB	UNIF	WV	0	4
2038	LOAD X	501 601	0.00-	03	6.08-	02					GLOB	UNIF	WV	0	4
2039	LOAD Y	501 601	0.00-	97	6.08-	88					GLOB	UNIF	WV	0	4
2040	LOAD Z	501 601	0.00	08	6.08	07					GLOB	UNIF	WV	0	4
2041	LOAD X	503 603	0.00	03	6.08	02					GLOB	UNIF	WV	0	4
2042	LOAD Y	503 603	0.00-	97	6.08-	88					GLOB	UNIF	WV	0	4

| LINE NO. | 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0 | | |

| LINE NO. | | |

| LINE NU. | | |

LINE NO.	1	2	3	4	5	6	7	8
2193	LOAD 2	507 510	0.00 -.170	2.54 -.170		GLOB UNIF	DL 0 5	
2194	LOAD 2	503 508	0.00 -.170	2.54 -.170		GLOB UNIF	DL 0 5	
2195	LOAD 2	508 511	0.00 -.170	2.54 -.170		GLOB UNIF	DL 0 5	
2196	LOAD 2	506 509	0.00 -.170	2.53 -.170		GLOB UNIF	DL 0 5	
2197	LOAD 2	509 512	0.00 -.170	2.54 -.170		GLOB UNIF	DL 0 5	
2198	LOAD 2	501 513	0.00 -.065	2.99 -.065		GLOB UNIF	DL 0 5	
2199	LOAD 2	503 514	0.00 -.065	2.99 -.065		GLOB UNIF	DL 0 5	
2200	LOAD 2	513 651	0.00 -.093	6.60 -.093		GLOB UNIF	DL 0 5	
2201	LOAD 2	513 651	6.60 .020	11.40 .020		GLOB UNIF	DL 0 5	
2202	LOAD 2	514 653	0.00 -.093	6.60 -.093		GLOB UNIF	DL 0 5	
2203	LOAD 2	514 653	6.60 .020	11.40 .020		GLOB UNIF	DL 0 5	
2204	LOAD 2	601 611	0.00 -.089	6.00 -.089		GLOB UNIF	DL 0 5	
2205	LOAD 2	603 613	0.00 -.089	6.00 -.089		GLOB UNIF	DL 0 5	
2206	LOAD 2	651 661	0.00 -.049	5.00 -.049		GLOB UNIF	DL 0 5	
2207	LOAD 2	653 663	0.00 -.049	5.00 -.049		GLOB UNIF	DL 0 5	
2208	LOAD 2	611 612	0.00 -.043	10.01 -.043		GLOB UNIF	DL 0 5	
2209	LOAD 2	612 613	0.00 -.043	10.01 -.043		GLOB UNIF	DL 0 5	
2210	LOAD 2	661 662	0.00 -.017	17.74 -.017		GLOB UNIF	DL 0 5	
2211	LOAD 2	662 663	0.00 -.017	17.74 -.017		GLOB UNIF	DL 0 5	
2212	LOAD 2	611 661	0.00 -.089	.61 -.089		GLOB UNIF	DL 0 5	
2213	LOAD 2	611 661	.61 -.049	11.52 -.049		GLOB UNIF	DL 0 5	
2214	LOAD 2	612 662	0.00 -.089	.60 -.089		GLOB UNIF	DL 0 5	
2215	LOAD 2	612 662	.60 -.049	11.40 -.049		GLOB UNIF	DL 0 5	
2216	LOAD 2	613 663	0.00 -.089	.61 -.089		GLOB UNIF	DL 0 5	
2217	LOAD 2	613 663	.61 -.049	11.52 -.049		GLOB UNIF	DL 0 5	
2218	LOAD 2	501 622	0.00 -.129	11.23 -.129		GLOB UNIF	DL 0 5	
2219	LOAD 2	501 622	11.23 .010	9.18 .010		GLOB UNIF	DL 0 5	
2220	LOAD 2	622 703	0.00 .010	21.77 .010		GLOB UNIF	DL 0 5	
2221	LOAD 2	503 625	0.00 -.129	11.14 -.129		GLOB UNIF	DL 0 5	
2222	LOAD 2	503 625	11.14 .010	9.11 .010		GLOB UNIF	DL 0 5	
2223	LOAD 2	625 706	0.00 .010	21.93 .010		GLOB UNIF	DL 0 5	
2224	LOAD 2	506 624	0.00 -.129	11.13 -.129		GLOB UNIF	DL 0 5	
2225	LOAD 2	506 624	11.13 .010	9.11 .010		GLOB UNIF	DL 0 5	
2226	LOAD 2	624 701	0.00 .010	21.94 .010		GLOB UNIF	DL 0 5	
2227	LOAD 2	701 702	0.00 -.009	18.76 -.009		GLOB UNIF	DL 0 5	
2228	LOAD 2	702 703	0.00 -.009	18.76 -.009		GLOB UNIF	DL 0 5	
2229	LOAD 2	703 705	0.00 -.009	18.75 -.009		GLOB UNIF	DL 0 5	
2230	LOAD 2	705 706	0.00 -.009	18.76 -.009		GLOB UNIF	DL 0 5	
2231	LOAD 2	701 704	0.00 -.009	18.75 -.009		GLOB UNIF	DL 0 5	
2232	LOAD 2	704 706	0.00 -.009	18.76 -.009		GLOB UNIF	DL 0 5	
2233	LOAD 2	701 707	0.00 -.148	2.54 -.148		GLOB UNIF	DL 0 5	
2234	LOAD 2	707 710	0.00 -.148	2.54 -.148		GLOB UNIF	DL 0 5	
2235	LOAD 2	703 708	0.00 -.148	2.54 -.148		GLOB UNIF	DL 0 5	
2236	LOAD 2	708 711	0.00 -.148	2.54 -.148		GLOB UNIF	DL 0 5	
2237	LOAD 2	706 709	0.00 -.148	2.53 -.148		GLOB UNIF	DL 0 5	
2238	LOAD 2	709 712	0.00 -.148	2.54 -.148		GLOB UNIF	DL 0 5	
2239	LOAD 2	701 705	0.00 .010	50.16 .010		GLOB UNIF	DL 0 5	
2240	LOAD 2	703 701	0.00 .010	50.16 .010		GLOB UNIF	DL 0 5	
2241	LOAD 2	706 703	0.00 .010	50.16 .010		GLOB UNIF	DL 0 5	
2242	LOAD 2	701 702	0.00 -.004	22.79 -.004		GLOB UNIF	DL 0 5	

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    2243 LOAD Z  802 803    0.00  -.004  22.79  -.004                  GLOB UNIF     DL 0 5
    2244 LOAD Z  803 805    0.00  -.004  22.79  -.004                  GLOB UNIF     DL 0 5
    2245 LOAD Z  805 806    0.00  -.004  22.80  -.004                  GLOB UNIF     DL 0 5
    2246 LOAD Z  801 804    0.00  -.004  22.79  -.004                  GLOB UNIF     DL 0 5
    2247 LOAD Z  804 806    0.00  -.004  22.80  -.004                  GLOB UNIF     DL 0 5
    2248 LOAD Z  801 807    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2249 LOAD Z  807 810    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2250 LOAD Z  803 808    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2251 LOAD Z  808 811    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2252 LOAD Z  806 809    0.00  -.148   2.53  -.148                  GLOB UNIF     DL 0 5
    2253 LOAD Z  809 812    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2254 LOAD Z  801 903    0.00   .010  59.60   .010                  GLOB UNIF     DL 0 5
    2255 LOAD Z  803 906    0.00   .010  59.60   .010                  GLOB UNIF     DL 0 5
    2256 LOAD Z  806 901    0.00   .010  59.60   .010                  GLOB UNIF     DL 0 5
    2257 LOAD Z  901 902    0.00   .006  27.42   .006                  GLOB UNIF     DL 0 5
    2258 LOAD Z  902 903    0.00   .006  27.42   .006                  GLOB UNIF     DL 0 5
    2259 LOAD Z  903 905    0.00   .006  27.41   .006                  GLOB UNIF     DL 0 5
    2260 LOAD Z  905 906    0.00   .006  27.42   .006                  GLOB UNIF     DL 0 5
    2261 LOAD Z  901 904    0.00   .006  27.41   .006                  GLOB UNIF     DL 0 5
    2262 LOAD Z  904 906    0.00   .006  27.42   .006                  GLOB UNIF     DL 0 5
    2263 LOAD Z  901 907    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2264 LOAD Z  907 910    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2265 LOAD Z  903 908    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2266 LOAD Z  908 911    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2267 LOAD Z  906 909    0.00  -.148   2.53  -.148                  GLOB UNIF     DL 0 5
    2268 LOAD Z  909 912    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2269 LOAD Z  9011002    0.00   .020  42.23   .020                  GLOB UNIF     DL 0 5
    2270 LOAD Z  9031002    0.00   .020  42.23   .020                  GLOB UNIF     DL 0 5
    2271 LOAD Z  9031005    0.00   .020  42.23   .020                  GLOB UNIF     DL 0 5
    2272 LOAD Z  9061005    0.00   .020  42.22   .020                  GLOB UNIF     DL 0 5
    2273 LOAD Z  9011004    0.00   .020  42.23   .020                  GLOB UNIF     DL 0 5
    2274 LOAD Z  9061004    0.00   .020  42.22   .020                  GLOB UNIF     DL 0 5
    2275 LOAD Z 10011002    0.00   .010  32.04   .010                  GLOB UNIF     DL 0 5
    2276 LOAD Z 10021005    0.00   .010  32.04   .010                  GLOB UNIF     DL 0 5
    2277 LOAD Z 10031005    0.00   .010  32.04   .010                  GLOB UNIF     DL 0 5
    2278 LOAD Z 10051006    0.00   .010  32.04   .010                  GLOB UNIF     DL 0 5
    2279 LOAD Z 10011004    0.00   .010  32.04   .010                  GLOB UNIF     DL 0 5
    2280 LOAD Z 10041005    0.00   .010  32.04   .010                  GLOB UNIF     DL 0 5
    2281 LOAD Z 10021004    0.00   .014  32.04   .014                  GLOB UNIF     DL 0 5
    2282 LOAD Z 10021005    0.00   .014  32.04   .014                  GLOB UNIF     DL 0 5
    2283 LOAD Z 10041005    0.00   .014  32.04   .014                  GLOB UNIF     DL 0 5
    2284 LOAD Z 10011007    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2285 LOAD Z 10071010    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2286 LOAD Z 10031008    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2287 LOAD Z 10041011    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2288 LOAD Z 10061009    0.00  -.148   2.53  -.148                  GLOB UNIF     DL 0 5
    2289 LOAD Z 10091012    0.00  -.148   2.54  -.148                  GLOB UNIF     DL 0 5
    2290 LOAD Z  101 201    0.00  -.310  15.00  -.310                  GLOB UNIF     DL 0 5
    2291 LOAD Z  103 203    0.00  -.310  15.00  -.310                  GLOB UNIF     DL 0 5
    2292 LOAD Z  106 206    0.00  -.310  15.00  -.310                  GLOB UNIF     DL 0 5
```

LINE NO.	1....5	1 1	2 2	3 3	4 4	5 5	6 6	7 7	8
		....0....5	....0....5	....0....5	....0....5	....0....5	....0....5	....0....5	0
2293	LOAD 4	201 301	0.00 -.310	15.00 -.310			GLOB UNIF	DL 0 5	
2294	LOAD 4	203 303	0.00 -.310	15.00 -.310			GLOB UNIF	DL 0 5	
2295	LOAD 4	206 306	0.00 -.310	15.00 -.310			GLOB UNIF	DL 0 5	
2296	LOAD 4	301 401	0.00 -.310	28.50 -.310			GLOB UNIF	DL 0 5	
2297	LOAD 4	303 403	0.00 -.310	28.50 -.310			GLOB UNIF	DL 0 5	
2298	LOAD 4	306 406	0.00 -.310	28.50 -.310			GLOB UNIF	DL 0 5	
2299	LOAD 4	401 501	0.00 -.865	4.56 -.865			GLOB UNIF	DL 0 5	
2300	LOAD 4	403 503	0.00 -.865	4.56 -.865			GLOB UNIF	DL 0 5	
2301	LOAD 4	406 506	0.00 -.865	4.56 -.865			GLOB UNIF	DL 0 5	
2302	LOAD 4	501 601	0.00 -.486	6.08 -.486			GLOB UNIF	DL 0 5	
2303	LOAD 4	503 603	0.00 -.486	6.08 -.486			GLOB UNIF	DL 0 5	
2304	LOAD 4	506 606	0.00 -.486	6.08 -.486			GLOB UNIF	DL 0 5	
2305	LOAD 4	601 621	0.00 -.486	.61 -.486			GLOB UNIF	DL 0 5	
2306	LOAD 4	601 621	.61 -.423	5.47 -.423			GLOB UNIF	DL 0 5	
2307	LOAD 4	603 623	0.00 -.486	.61 -.486			GLOB UNIF	DL 0 5	
2308	LOAD 4	603 623	.61 -.423	5.47 -.423			GLOB UNIF	DL 0 5	
2309	LOAD 4	606 626	0.00 -.486	.61 -.486			GLOB UNIF	DL 0 5	
2310	LOAD 4	606 626	.61 -.423	5.47 -.423			GLOB UNIF	DL 0 5	
2311	LOAD 4	621 651	0.00 -.423	6.08 -.423			GLOB UNIF	DL 0 5	
2312	LOAD 4	623 653	0.00 -.423	6.08 -.423			GLOB UNIF	DL 0 5	
2313	LOAD 4	626 656	0.00 -.423	6.08 -.423			GLOB UNIF	DL 0 5	
2314	LOAD 4	651 701	0.00 -.423	7.10 -.423			GLOB UNIF	DL 0 5	
2315	LOAD 4	653 703	0.00 -.423	7.10 -.423			GLOB UNIF	DL 0 5	
2316	LOAD 4	656 706	0.00 -.423	7.10 -.423			GLOB UNIF	DL 0 5	
2317	LOAD 4	701 801	0.00 -.209	28.38 -.209			GLOB UNIF	DL 0 5	
2318	LOAD 4	703 803	0.00 -.209	28.38 -.209			GLOB UNIF	DL 0 5	
2319	LOAD 4	706 806	0.00 -.209	28.39 -.209			GLOB UNIF	DL 0 5	
2320	LOAD 4	801 901	0.00 -.209	32.44 -.209			GLOB UNIF	DL 0 5	
2321	LOAD 4	803 903	0.00 -.209	32.44 -.209			GLOB UNIF	DL 0 5	
2322	LOAD 4	806 906	0.00 -.209	32.44 -.209			GLOB UNIF	DL 0 5	
2323	LOAD 4	9011001	0.00 -.209	32.44 -.209			GLOB UNIF	DL 0 5	
2324	LOAD 4	9031003	0.00 -.209	32.44 -.209			GLOB UNIF	DL 0 5	
2325	LOAD 4	9061006	0.00 -.209	32.44 -.209			GLOB UNIF	DL 0 5	
2326	LOAD 4	401 510	0.00 -.752	4.57 -.752			GLOB UNIF	DL 0 5	
2327	LOAD 4	403 511	0.00 -.752	4.57 -.752			GLOB UNIF	DL 0 5	
2328	LOAD 4	406 512	0.00 -.752	4.57 -.752			GLOB UNIF	DL 0 5	
2329	LOAD 4	510 710	0.00 -.752	6.68 -.752			GLOB UNIF	DL 0 5	
2330	LOAD 4	510 710	6.68 -.654	18.66 -.654			GLOB UNIF	DL 0 5	
2331	LOAD 4	511 711	0.00 -.752	6.68 -.752			GLOB UNIF	DL 0 5	
2332	LOAD 4	511 711	6.68 -.654	18.66 -.654			GLOB UNIF	DL 0 5	
2333	LOAD 4	512 712	0.00 -.752	6.68 -.752			GLOB UNIF	DL 0 5	
2334	LOAD 4	512 712	6.68 -.654	18.66 -.654			GLOB UNIF	DL 0 5	
2335	LOAD 4	710 810	0.00 -.743	28.38 -.743			GLOB UNIF	DL 0 5	
2336	LOAD 4	711 811	0.00 -.743	28.38 -.743			GLOB UNIF	DL 0 5	
2337	LOAD 4	712 812	0.00 -.743	28.39 -.743			GLOB UNIF	DL 0 5	
2338	LOAD 4	810 910	0.00 -.743	32.44 -.743			GLOB UNIF	DL 0 5	
2339	LOAD 4	811 911	0.00 -.743	32.44 -.743			GLOB UNIF	DL 0 5	
2340	LOAD 4	812 912	0.00 -.743	32.44 -.743			GLOB UNIF	DL 0 5	
2341	LOAD 4	1010 910	0.00 -.874	32.44 -.874			GLOB UNIF	DL 0 5	
2342	LOAD 4	1011 911	0.00 -.874	32.44 -.874			GLOB UNIF	DL 0 5	

```
LINE NO. 1....5....10....15....20....25....30....35....40....45....50....55....60....65....70....75....80
2343  LOAD Z 1012 912    0.00  -.874  32.44  -.874              GLOB UNIF     DL 0 5
2344  END
```

NO. OF WARNING ERRORS = 45

NO. OF FATAL ERRORS = 0

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 36 JS= 501 JE= 507

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 37 JS= 507 JE= 510

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 38 JS= 503 JE= 508

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 39 JS= 508 JE= 511

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 40 JS= 506 JE= 509

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 41 JS= 509 JE= 512

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 72 JS= 701 JE= 707

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 73 JS= 707 JE= 710

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 74 JS= 703 JE= 708

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 75 JS= 708 JE= 711

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MBER= 76 JS= 706 JE= 709

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 77 JS= 709 JE= 712

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 90 JS= 801 JE= 807

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 91 JS= 807 JE= 810

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 92 JS= 803 JE= 808

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 93 JS= 808 JE= 811

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 94 JS= 806 JE= 809

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 95 JS= 809 JE= 812

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 108 JS= 901 JE= 907

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 109 JS= 907 JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 110 JS= 903 JE= 908

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 111 JS= 908 JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 112 JS= 906 JE= 909

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

```
MEMBER= 113      JS= 404      JE= 512

*** WARNING NO. SL. 7 ***
  E MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPE.

MEMBER= 129      JS=1001      JE=1007

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 130      JS=1007      JE=1010

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 131      JS=1003      JE=1008

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 132      JS=1008      JE=1011

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 133      JS=1006      JE=1009

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 134      JS=1009      JE=1012

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 168      JS= 401      JE= 510

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 169      JS= 403      JE= 511

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 170      JS= 406      JE= 512

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 171      JS= 510      JE= 710

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 172      JS= 511      JE= 711

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 173      JS= 512      JE= 712

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 174      JS= 710      JE= 810
```

```
*** WARNING NO. SL. 7 ***
MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPE

MEMBER= 175     JS= 711     JE= 811

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 176     JS= 712     JE= 812

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 177     JS= 810     JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 178     JS= 811     JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 179     JS= 812     JE= 912

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 180     JS=1010     JE= 910

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

MEMBER= 181     JS=1011     JE= 911

*** WARNING NO. SL. 7 ***
THE MEMBER BELOW HAS A DIAMETER = 0 AND HAS BEEN SKIPPED.

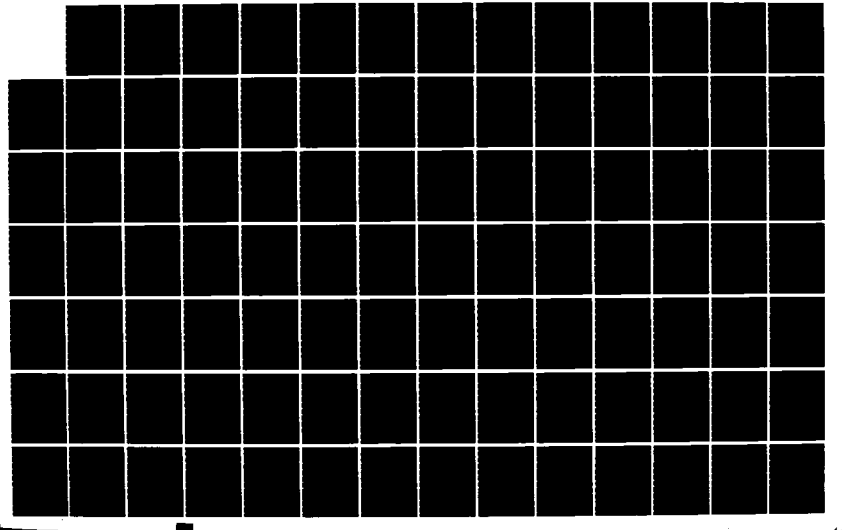
MEMBER= 182     JS=1012     JE= 912
```

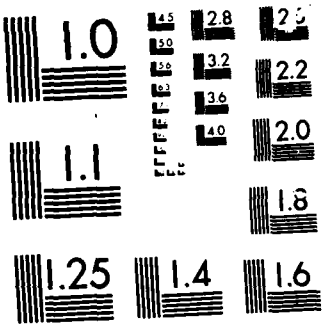
APPENDIX B.5

STRAN - Operational Wave

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 9/N

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

6000 REMOTE BATCH

UNITED COMPUTING 67. APEX/SL 8.7.0

09.02.13. 08/30/76.

```
PPPPPPPPPPP   UU      UU  YY      YY  333333333333  FFFFFFFFFFFF  WW          WW  LL
PPPPPPPPPPPPP UU      UU  YY      YY  333333333333  FFFFFFFFFFFF  WW          WW  LL
PP        PP  UU      UU  YY      YY  3         33  FF            WW          WW  LL
PP        PP  UU      UU  YY      YY            33  FF            WW          WW  LL
PP        PP  UU      UU  YY      YY            33  FF            WW          WW  LL
PP        PP  UU      UU  YY      YY            33  FF            WW          WW  LL
PPPPPPPPPPPP  UU      UU  YYY     YYY           33  FF            WW    WW    WW  LL
PPPPPPPPPPPP  UU      UU   YYY   YYY            33  FFFFFFFF      WW    WW    WW  LL
PP            UU      UU   YYY YYY             333  FFFFFFFF      WW  WWWW  WW  LL
PP            UU      UU    YYYYY              33  FF            WW  W  W  WW  LL
PP            UU      UU     YY               33   FF            WW WW  WW WW  LL
PP            UU      UU     YY              33    FF            WW W    W WW  LL
PP            UU      UU     YY             33     FF            WWWW    WWWW  LL
PP            UU      UU     YY        3    33     FF            WWW      WWW  LL          LL
PP            UUUUUUUUUUUU     YY  333333333333     FF            WW        WW  LLLLLLLLLLLL
PP             UUUUUUUUUU      YY   333333333      FF            WW        WW  LLLLLLLLLLLL
```

SYNERCOM TECHNOLOGY USER BULLETIN

STRAN BULLETIN #5
*** ENDLOAD ***

THE METHOD FOR CALCULATING THE MOMENTS, SHEARS, AND AXIAL FORCES AT THE EXTREME ENDS OF A MEMBER HAS BEEN MODIFIED TO CORRECTLY INCLUDE CONCENTRATED LOADS OR MOMENTS APPLIED AT THE ENDS OF THE MEMBER. THIS TECHNIQUE IS BELIEVED TO GIVE THE TRUE EVALUATION OF THE ACTIONS AT THE ENDS OF A MEMBER DUE TO JOINT LOADS APPLIED AS MEMBER END LOADS. THEREFORE, FOR ANY MEMBER HAVING END LOADS--

1. ALL MEMBER STRESS REPORTS MAY BE EFFECTED.
2. SHEAR STRESSES WILL CHANGE WHERE CONCENTRATED LOADS ARE APPLIED AT THE MEMBER END.
3. BENDING OR TORSIONAL STRESSES WILL CHANGE WHERE MOMENT LOADS ARE APPLIED AT THE MEMBER END.
4. STRESSES OTHER THAN AT THE END WHERE THE LOAD IS APPLIED WILL NOT CHANGE.
5. MEMBERS WITHOUT END LOADS WILL NOT CHANGE.
6. THE MEMBER FORCES AND MOMENTS REPORT DOES NOT CHANGE.

HAVE YOU READ BULLETIN NO.4 REGARDING THE NEW ALLOWABLE STRESS AND UNITY CHECK FEATURES.

NOTE - IF YOU DO NOT HAVE ALL OF THE BULLETINS, YOU MAY OBTAIN A COPY BY SUBMITTING A RUN WITH THE FOLLOWING CONTROL CARDS:

GET,MARCBUL.
COPYSBF,MARCBUL.

```
                    ********************************************
                    *                                          *
                    *                  STRAN                   *
                    *  A SYNERCOM TECHNOLOGY, INC. DEVELOPMENT *
                    *              RELEASE 6  MOD 14           *
                    *                 JUNE 1976                *
                    *                                          *
                    ********************************************

                                                                        DATE  08/27/76
      U.S. NAVY - ACNR PLATFORMS - PLATFORM #3 + #4 - RWL 105.0 FEET - OPERATIONAL STM
                        STABILTY CHECK WITH OPERATIONAL STORM

                                ***PROGRAM OPTIONS***

THE FOLLOWING OPTIONS HAVE BEEN REQUESTED FOR THIS ANALYSIS


INPUT
        ....CARD PLUS DATA FILE INPUT

INPUT UNITS
        ....ENGLISH

OUTPUT UNITS
        ....ENGLISH

EXECUTION
        ....UNITY CHECK
            ..UNITY CHECKS COMPUTED BY AMERICAN PETROLEUM
              INSTITUTE REPORT API-RP-2A, JAN 75, SECTIONS
              2.1B, 2.1C.  RESULTS INVALID FOR A514 STEEL.
        ....NO. OF SEGMENTS            4
        ....PANEL MEMB. SEGMENTS/SECT 1

LOAD
        ....NO. BASIC LOAD CONDS.      5
        ....NO. COMBINED LOAD CONDS.   4

REPORT
        ....INPUT ECHO AND GROUP PROP          PRINT
        ....JOINT DEFLECTIONS                  PRINT
        ....GROUP AND UN CHK SUMMARY           PRINT
        ....MEMBER STRESS REPORT NO.  1        PRINT
        ....MEMBER STRESS REPORT NO.  2        PRINT
        ....MEMBER STRESS REPORT NO.  3        PRINT
        ....MEMBER DETAIL REPORT               PRINT
        ....REACTION FORCES AND MOMTS          PRINT
        ....EQUILIBRIUM CHECK                  PRINT

EQUILIBRIUM CHECK EXIT VALUES
        ....FORCES     50.00 LB
        ....MOMENTS   100.00 IN-LB
```

STRAN - GROUP PROPERTIES REPORT

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM
TUBULAR MEMBER PROPERTIES

GRP	M/S	JOINT THICK FT.	WT IN.	OD IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	SHEAR AREA IN2	INPUT SEC LEN FT.
		*** E = 29000000.0 PSI, G = 11600000.0 PSI ***											
C86	1	=0.00	.500	8.62	12.75	211.04	105.52	105.52	36.0	1.0	1.0	6.38	=0.00
105	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
106	1	=0.00	.844	10.75	26.27	649.04	324.52	324.52	36.0	1.0	1.0	13.13	=0.00
107	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
108	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
109	1	=0.00	.365	10.75	11.91	321.47	160.73	160.73	36.0	1.0	1.0	5.95	=0.00
120	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
125	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
126	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	.8	.8	9.62	=0.00
137	1	=0.00	.500	12.75	19.24	723.09	361.54	361.54	36.0	1.0	.8	9.62	=0.00
140	1	=0.00	.375	14.00	16.05	745.52	372.76	372.76	36.0	.8	.8	8.03	=0.00
146	1	=0.00	.500	14.00	21.21	967.51	483.76	483.76	36.0	1.0	.8	10.60	=0.00
140	1	=0.00	.375	14.00	16.05	745.52	372.76	372.76	36.0	.8	.8	8.03	=0.00
165	1	=0.00	.625	16.00	30.19	1787.03	893.52	893.52	36.0	1.0	.8	15.09	=0.00
169	1	=0.00	.500	16.00	24.35	1463.88	731.94	731.94	36.0	1.0	.8	12.17	=0.00
180	1	=0.00	.500	18.00	27.49	2106.34	1053.17	1053.17	36.0	.8	.8	13.74	=0.00
200	1	=0.00	.625	20.00	38.04	3573.94	1786.97	1786.97	36.0	.8	.8	19.02	=0.00
200	1	=0.00	.625	20.00	38.04	3573.94	1786.97	1786.97	36.0	1.0	.8	19.02	=0.00
DAL	1	=0.00	1.000	30.00	91.11	19177.85	9588.93	9588.93	36.0	1.0	1.0	45.55	=0.00
P1	1	=0.00	1.750	42.00	221.29	89793.68	44896.84	44896.84	36.0	1.0	1.0	110.64	=0.00
P2	1	=0.00	2.000	42.00	251.33	100762.29	50391.15	50391.15	36.0	1.0	1.0	125.66	=0.00
P3	1	=0.00	2.375	42.00	295.65	116471.24	58235.62	58235.62	36.0	1.0	1.0	147.83	=0.00
JL4	1	=0.00	1.750	48.00	254.27	136170.95	68085.48	68085.48	36.0	1.0	1.0	127.14	=0.00
JL5	1	=0.00	1.000	48.50	142.94	74017.39	37008.70	37008.70	36.0	1.0	1.0	71.47	=0.00
JL6	1	=0.00	1.000	48.50	142.94	74017.39	37008.70	37008.70	36.0	1.0	1.0	71.47	=0.00
JL7	1	=0.00	.500	45.50	70.69	35769.12	17884.56	17884.56	36.0	1.0	1.0	35.34	=0.00
JL8	1	=0.00	.500	45.50	70.69	35769.12	17884.56	17884.56	36.0	1.0	1.0	35.34	=0.00
JL9	1	=0.00	.500	45.50	70.69	35769.12	17884.56	17884.56	36.0	1.0	1.0	35.34	=0.00
BOM	1	=0.00	.500	18.00	27.49	2106.34	1053.17	1053.17	36.0	1.0	1.0	13.74	=0.00

STRAN - GROUP PROPERTIES REPORT

U.S. NAVY - ACPR PLATFORMS - PLATFORM B3 + B4 - HwL 105.0 FEET - OPERATIONAL 8TH
WIDE FLANGE/WIDE FLANGE COMPACT MEMBER PROPERTIES

GRP	M/S	JOINT THICK FT.	FLANGE THICK IN.	FLANGE WIDTH IN.	WEB THICK IN.	FILET RADIUS IN.	DEPTH IN.	AX IN2	JX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	LB FT.	INPUT SEC LEN FT.
*** E = 29000000.0 PSI, G = 11600000.0 PSI ***																
W18	1	-0.00	.570	7.50	.358	.500	18.00	16.20	1.25	802.00	40.20	36.0	2.0	.5	.01	-0.00
W08	1	-0.00	.398	8.50	.245	.500	7.93	7.06	.34	82.50	18.20	36.0	1.0	1.0	.01	-0.00
W06	1	-0.00	.269	6.00	.235	.500	6.00	4.56	.11	30.10	9.67	36.0	1.0	1.0	.01	-0.00

STRAN - GROUP PROPERTIES REPORT

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM
PRISMATIC SECTION MEMBERS

GRP	M/S	JOINT THICK FT.	Z-DPTH IN.	Y-DPTH IN.	AX IN2	IX IN4	IY IN4	IZ IN4	FY KSI	KY	KZ	INPUT SEC LEN FT.
		*** E = 29000000.0 PSI, G = 11600000.0 PSI ***										
MBN	1	-0.00	10.00	5.00	50.00	30000.00	30000.00	30000.00	36.0	1.0	1.0	-0.00

S T R A N I N P U T D A T A

U.S. NAVY - ACMR PLATFORMS - PLATFORM #5 + #4 - MWL 105.0 FEET - OPERATIONAL STM

```
LINE NO.  1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
    1  OPTIONS  6 7 8 9
    2  SECT
    3  SECT #ISHBUM    PRI  5000 3000000 3000000 3000000   1000          500
    4  SECT #18X50     #FC  1620     125   80200    4020    750  570  1800  358   50
    5  SECT #MX24      #FC   706      54    8250    1820    650  598   793  245   50
    6  SECT #0A15      #FC   456      11    3010     967    600  269   600  235   50
    7  GROUP
    8  GROUP 086             862  500  29  116  36          100 100        5000
    9  GROUP 105            1075  365  29  116  36          100 100        5000
   10  GROUP 106            1075  844  29  116  36          100 100        5000
   11  GROUP 107            1075  365  29  116  36          100 100        5000
   12  GROUP 108            1075  365  29  116  36          100 100        5000
   13  GROUP 109            1075  365  29  116  36          100 100        5000
   14  GROUP 120            1275  500  29  116  36           80  80        5000
   15  GROUP 125            1275  500  29  116  36           80  80        5000
   16  GROUP 123            1275  500  29  116  36           80  80        5000
   17  GROUP 137            1275  500  29  116  36          160  80        5000
   18  GROUP 140            1400  375  29  116  36           80  80        5000
   19  GROUP 146            1400  500  29  116  36          160  80        5000
   20  GROUP 140            1400  375  29  116  36           80  80        5000
   21  GROUP 165            1600  625  29  116  36          160  80        5000
   22  GROUP 169            1600  500  29  116  36          160  80        5000
   23  GROUP 180            1800  500  29  116  36           80  80        5000
   24  GROUP 200            2000  625  29  116  36           80  80        5000
   25  GROUP 200            2000  625  29  116  36          160  80        5000
   26  GROUP ORL            3000 1000  29  116  36          100 100        5000
   27  GROUP  P1            4200 1750  29  116  36          100 100        5000
   28  GROUP  P2            4200 2000  29  116  36          100 100        5000
   29  GROUP  P3            4200 2375  29  116  36          100 100        5000
   30  GROUP JL4            4800 1750  29  116  36          100 100        5000
   31  GROUP JL5            4650 1000  29  116  36          100 100        5000
   32  GROUP JL6            4650 1000  29  116  36          100 100        5000
   33  GROUP JL7            4550  500  29  116  36          100 100        5000
   34  GROUP JL8            4550  500  29  116  36          100 100        5000
   35  GROUP JL9            4550  500  29  116  36          100 100        5000
   36  GROUP BUM            1800  500  29  116  36          100 100        5000
   37  GROUP #MM #ISHBUN                29  116  36
   38  GROUP #18 #18X50                 29  116  36          200  50   01
   39  GROUP #08 #MX24                  29  116  36          100 100   01
   40  GROUP #08 #0A15                  29  116  36          100 100   01
   41  MEMBER
   42  MEMBER  101 102 #18                                                1800
   43  MEMBER  102 103 #18                                                1800
   44  MEMBER  103 105 #18                                                1800
   45  MEMBER  105 106 #18                                                1800
   46  MEMBER  101 104 #18                                                1800
   47  MEMBER  104 106 #18                                                1800
   48  MEMBER  102 104 #08                                                 800
   49  MEMBER  102 105 #08                                                 600
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STR

```
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
   50     MEMBER  104 105 #08                                                                                                    800
   51     MEMBER  201 202 #18                                                                                                   1800
   52     MEMBER  202 203 #18                                                                                                   1800
   53     MEMBER  203 205 #18                                                                                                   1800
   54     MEMBER  205 206 #18                                                                                                   1800
   55     MEMBER  201 204 #18                                                                                                   1800
   56     MEMBER  204 206 #18                                                                                                   1800
   57     MEMBER  202 204 #08                                                                                                    800
   58     MEMBER  202 205 #08                                                                                                    800
   59     MEMBER  204 205 #08                                                                                                    800
   60     MEMBER  201 303 120                                                                                                   2400
   61     MEMBER  203 306 120                                                                                                   2400
   62     MEMBER  206 301 120                                                                                                   3600
   63     MEMBER  301 403 120SK                                                                                                 2400
   64     MEMBER  106 201 120SK                                                                                                 2400
   65     MEMBER  301 303 123                                                                                                   2000
   66     MEMBER  303 306 123                                                                                                   2000
   67     MEMBER  301 304 123                                                                                                   2000
   68     MEMBER  501 502 165                                                                                                   1600
   69     MEMBER  502 503 165                                                                                                   1600
   70     MEMBER  503 505 165                                                                                                   1600
   71     MEMBER  505 506 165                                                                                                   1600
   72     MEMBER  501 504 165                                                                                                   1600
   73     MEMBER  504 506 165                                                                                                   1600
   74     MEMBER  502 504 105                                                                                                   1075
   75     MEMBER  502 505 105                                                                                                   1075
   76     MEMBER  504 505 105                                                                                                   1075
   77     MEMBER  501 507 #BNSK                                                                                                 0000
   78     MEMBER  507 510 #BNSK   1111                                                                                          0000
   79     MEMBER  503 508 #BNSK                                                                                                 0000
   80     MEMBER  504 511 #BNSK   1111                                                                                          0000
   81     MEMBER  506 509 #BNSK                                                                                                 0000
   82     MEMBER  509 512 #BNSK   1111                                                                                          0000
   83     MEMBER  501 513 1253K                                                                                                 1200
   84     MEMBER  503 514 1255K                                                                                                 1200
   85     MEMBER  513 651 #UNSK                                                                                                 4000
   86     MEMBER  514 653 #UNSK                                                                                                 4000
   87     MEMBER  601 611 10#SK                                                                                                 1400
   88     MEMBER  603 613 10#SK                                                                                                 1400
   89     MEMBER  651 661 10#SK                                                                                                 1400
   90     MEMBER  653 663 10#SK                                                                                                 1400
   91     MEMBER  611 612 1#0SK                                                                                                 1200
   92     MEMBER  612 613 1#0SK                                                                                                 1200
   93     MEMBER  661 662 1#0SK                                                                                                 2690
   94     MEMBER  662 663 1#0SK                                                                                                 2690
   95     MEMBER  611 661 1#0SK                                                                                                 3000
   96     MEMBER  612 662 1#0SK                                                                                                 2000
   97     MEMBER  613 663 1#0SK                                                                                                 3000
   98     MEMBER  501 622 200                                                                                                   2000
```

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0								
99	MEMBER	622	703	200					3032
100	MEMBER	503	625	200					2000
101	MEMBER	625	706	200					3032
102	MEMBER	506	624	200					2000
103	MEMBER	624	701	200					3032
104	MEMBER	701	702	137					2033
105	MEMBER	702	703	137					2033
106	MEMBER	703	705	137					2033
107	MEMBER	705	706	137					2033
108	MEMBER	701	704	137					2033
109	MEMBER	704	706	137					2033
110	MEMBER	702	704	107					1757
111	MEMBER	702	705	107					1757
112	MEMBER	704	705	107					1757
113	MEMBER	701	707	#BNSK					0000
114	MEMBER	707	710	#BNSK	1111				0000
115	MEMBER	703	708	#BNSK					0000
116	MEMBER	708	711	#BNSK	1111				0000
117	MEMBER	706	709	#BNSK					0000
118	MEMBER	709	712	#BNSK	1111				0000
119	MEMBER	701	806	200					3032
120	MEMBER	703	801	200					3032
121	MEMBER	706	803	200					3032
122	MEMBER	801	802	148					2205
123	MEMBER	802	803	148					2205
124	MEMBER	803	805	148					2205
125	MEMBER	805	806	148					2205
126	MEMBER	801	804	148					2205
127	MEMBER	804	806	148					2205
128	MEMBER	802	804	108					1757
129	MEMBER	802	805	108					1757
130	MEMBER	804	805	108					1757
131	MEMBER	801	807	#BNSK					0000
132	MEMBER	807	810	#BNSK	1111				0000
133	MEMBER	803	808	#BNSK					0000
134	MEMBER	808	811	#BNSK	1111				0000
135	MEMBER	806	809	#BNSK					0000
136	MEMBER	809	812	#BNSK	1111				0000
137	MEMBER	801	903	200					3032
138	MEMBER	803	906	200					3032
139	MEMBER	806	901	200					3032
140	MEMBER	901	902	169					2481
141	MEMBER	902	903	169					2481
142	MEMBER	903	905	169					2481
143	MEMBER	905	906	169					2481
144	MEMBER	901	904	169					2481
145	MEMBER	904	906	169					2481
146	MEMBER	902	904	109					1757
147	MEMBER	902	905	109					1757

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MHL 105.0 FEET - OPERATIONAL STM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO.  1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
```

```
  148  MEMBER  904 905 109                                                    1757
  149  MEMBER  901 907 #BNSK                                                  0000
  150  MEMBER  907 910 #BNSK          1111                                    0000
  151  MEMBER  903 908 #BNSK                                                  0000
  152  MEMBER  908 911 #BNSK          1111                                    0000
  153  MEMBER  906 909 #BNSK                                                  0000
  154  MEMBER  909 912 #BNSK          1111                                    0000
  155  MEMBER  9011002 160                                                    2757
  156  MEMBER  9031002 160                                                    2757
  157  MEMBER  9031005 160                                                    2757
  158  MEMBER  9061005 160                                                    2757
  159  MEMBER  9011004 160                                                    2757
  160  MEMBER  9061004 160                                                    2757
  161  MEMBER  10011002 200                                                   3032
  162  MEMBER  10021003 200                                                   3032
  163  MEMBER  10031005 200                                                   3032
  164  MEMBER  10051006 200                                                   3032
  165  MEMBER  10011004 200                                                   3032
  166  MEMBER  10041006 200                                                   3032
  167  MEMBER  10021004 140                                                   2205
  168  MEMBER  10021005 140                                                   2205
  169  MEMBER  10041005 140                                                   2205
  170  MEMBER  10011007 #BNSK                                                 0000
  171  MEMBER  10071010 #BNSK         1111                                    0000
  172  MEMBER  10031008 #BNSK                                                 0000
  173  MEMBER  10081011 #BNSK         1111                                    0000
  174  MEMBER  10061009 #BNSK                                                 0000
  175  MEMBER  10091012 #BNSK         1111                                    0000
  176  MEMBER  101 201 DAL                                                    3000
  177  MEMBER  103 203 DAL                                                    3000
  178  MEMBER  106 206 DAL                                                    3000
  179  MEMBER  201 301 DAL                                                    3000
  180  MEMBER  203 303 DAL                                                    3000
  181  MEMBER  205 305 DAL                                                    3000
  182  MEMBER  301 401 DAL                                                    3000
  183  MEMBER  303 403 DAL                                                    3000
  184  MEMBER  306 406 DAL                                                    3000
  185  MEMBER  401 501 JL4                                              F     4800
  186  MEMBER  403 503 JL4                                              F     4800
  187  MEMBER  406 506 JL4                                              F     4800
  188  MEMBER  501 601 JL5                                              F     4750
  189  MEMBER  503 603 JL5                                              F     4750
  190  MEMBER  506 606 JL5                                              F     4750
  191  MEMBER  601 621 JL5                                              F     4750
  192  MEMBER  603 623 JL5                                              F     4750
  193  MEMBER  606 626 JL5                                              F     4750
  194  MEMBER  621 651 JL5                                              F     6023
  195  MEMBER  623 653 JL5                                              F     6023
  196  MEMBER  626 656 JL5                                              F     6023
```

U.S. NAVY - ACHN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

```
                    1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0

  197  MEMBER  651 701  JL6                                                F  6823
  198  MEMBER  653 703  JL6                                                F  6823
  199  MEMBER  656 706  JL6                                                F  6823
  200  MEMBER  701 801  JL7                                                F  6547
  201  MEMBER  703 803  JL7                                                F  6547
  202  MEMBER  706 806  JL7                                                F  6547
  203  MEMBER  801 901  JL8                                                F  6547
  204  MEMBER  803 903  JL8                                                F  6547
  205  MEMBER  806 906  JL8                                                F  6547
  206  MEMBER  9011001  JL9                                                F  6547
  207  MEMBER  9031003  JL9                                                F  6547
  208  MEMBER  9061006  JL9                                                F  6547
  209  MEMBER  401 510  P1                                                 F  0000 1
  210  MEMBER  403 511  P1                                                 F  0000 2
  211  MEMBER  406 512  P1                                                 F  0000 3
  212  MEMBER  510 710  P1                                                 F  0000 1
  213  MEMBER  511 711  P1                                                 F  0000 2
  214  MEMBER  512 712  P1                                                 F  0000 3
  215  MEMBER  710 810  P2                                                 F  0000 1
  216  MEMBER  711 811  P2                                                 F  0000 2
  217  MEMBER  712 812  P2                                                 F  0000 3
  218  MEMBER  810 910  P2                                                 F  0000 1
  219  MEMBER  811 911  P2                                                 F  0000 2
  220  MEMBER  812 912  P2                                                 F  0000 3
  221  MEMBER 1010 910  P3                                                 F  0000 1
  222  MEMBER 1011 911  P3                                                 F  0000 2
  223  MEMBER 1012 912  P3                                                 F  0000 3
  224  FJOG
  225  GRAV       5  .05        .05        .005
  226  FILE  1010  200.0
  227  PROP       42.0  42.0     2.37  20.0
  228  PROP       42.0  42.0     1.75  70.0
  229  PROP       42.0  42.0     1.50  200.0
  230  PY      2  0.0
  231  FORCE      0.0   0.0
  232  DEPL       0.0   20.0
  233  PY      8  8.0
  234  FORCE      0.0   0.107    0.129  0.153  0.169  0.188
  235  FORCE      0.237 0.237
  236  DEPL       0.0   0.050    0.120  0.270  0.430  0.700
  237  DEPL       1.540 20.000
  238  PY      6  14.0
  239  FORCE      0.0   0.366    0.611  0.906  1.136  1.440
  240  FORCE      2.274 2.274
  241  DEPL       0.0   0.050    0.110  0.260  0.420  0.700
  242  DEPL       1.540 20.000
  243  PY      6  24.0
  244  FORCE      0.0   1.244    1.661  2.347  2.895  3.644
  245  FORCE      5.831 5.831
```

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STN

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     246 DEPL          0.0       0.070     0.140     0.280     0.430     0.700
     247 DEPL          1.580    20.000
     248 PY       8   34.0
     249 FORCE         0.0       3.021     3.693     4.742     5.659     6.950
     250 FORCE        11.120    11.120
     251 DEPL          0.0       0.120     0.190     0.320     0.460     0.700
     252 DEPL          1.580    20.000
     253 PY       8   46.0
     254 FORCE         0.0       7.034     8.468     9.913    11.273    13.280
     255 FORCE        21.248    21.248
     256 DEPL          0.0       0.220     0.270     0.380     0.500     0.700
     257 DEPL          1.580    20.000
     258 PY       8   68.0
     259 FORCE         0.0      10.718    11.997    14.043    15.970    18.814
     260 FORCE        30.102    30.102
     261 DEPL          0.0       0.220     0.270     0.380     0.500     0.700
     262 DEPL          1.580    20.000
     263 PY       8  102.0
     264 FORCE         0.0      16.225    17.995    21.064    23.954    28.221
     265 FORCE        45.153    45.153
     266 DEPL          0.0       0.220     0.270     0.380     0.500     0.700
     267 DEPL          1.580    20.000
     268 PY       7  102.1
     269 FORCE         0.0       0.967     1.313     1.718     2.416     3.281
     270 FORCE        3.281      0.
     271 DEPL          0.0       0.075     0.190     0.47      1.180     2.940
     272 DEPL         20.000
     273 PY       7  138.0
     274 FORCE         0.0       0.967     1.313     1.718     2.416     3.281
     275 FORCE        3.281
     276 DEPL          0.0       0.075     0.190     0.47      1.180     2.940
     277 DEPL         20.000
     278 PILE  1011  200.0
     279 PILE  1012  200.0
     280 JOINT
     281 JOINT  101   14.50   -8.37  180.00                              TOP DECK
     282 JOINT  102    0.0    -8.37  180.00                              TOP DECK
     283 JOINT  103  -14.50   -8.37  180.00                              TOP DECK
     284 JOINT  104    7.25    4.18  180.00                              TOP DECK
     285 JOINT  105   -7.25    4.18  180.00                              TOP DECK
     286 JOINT  106    0.0    16.74  180.00                              TOP DECK
     287 JOINT  201   14.50   -8.37  165.00                              E/W DECK
     288 JOINT  202    0.0    -8.37  165.00                              E/W DECK
     289 JOINT  203  -14.50   -8.37  165.00                              E/W DECK
     290 JOINT  204    7.25    4.18  165.00                              E/W DECK
     291 JOINT  205   -7.25    4.18  165.00                              E/W DECK
     292 JOINT  206    0.0    16.74  165.00                              E/W DECK
     293 JOINT  301   14.50   -8.37  150.00                              UK BRACE
     294 JOINT  303  -14.50   -8.37  150.00                              UK BRACE
```

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STR

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
295	JOINT 306	0.0	16.74	150.00								DK BRACE			
296	JOINT 401	14.50	-8.37	121.50								MP LEVEL			
297	JOINT 403	-14.50	-8.37	121.50								MP LEVEL			
298	JOINT 406	0.0	16.74	121.50								MP LEVEL			
299	JOINT 501	15.15	-8.75	117.00								5 LEVEL			
300	JOINT 502	0.0	-8.75	117.00								5 LEVEL			
301	JOINT 503	-15.15	-8.75	117.00								5 LEVEL			
302	JOINT 504	7.58	4.37	117.00								5 LEVEL			
303	JOINT 505	-7.58	4.37	117.00								5 LEVEL			
304	JOINT 506	0.0	17.49	117.00								5 LEVEL			
305	JOINT 507	17.32	-10.00	117.41								5 LEVEL			
306	JOINT 508	-17.32	-10.00	117.41								5 LEVEL			
307	JOINT 509	0.0	19.99	117.41								5 LEVEL			
308	JOINT 510	15.15	-8.75	116.99								5 LEVEL			
309	JOINT 511	-15.15	-8.75	116.99								5 LEVEL			
310	JOINT 512	0.0	17.49	116.99								5 LEVEL			
311	JOINT 513	17.74	-10.25	11700								5 LEVEL			
312	JOINT 514	-17.74	-10.25	11700								5 LEVEL			
313	JOINT 515	0.0	20.49	11700								5 LEVEL			
314	JOINT 601	16.01	-9.25	111.00								BOAT LDG			
315	JOINT 603	-16.01	-9.25	111.00								BOAT LDG			
316	JOINT 606	0.0	18.50	111.00								BOAT LDG			
317	JOINT 611	16.01	-15.25	11100								BOAT LDG			
318	JOINT 612	0.0	-15.25	11100								BOAT LDG			
319	JOINT 613	-16.01	-15.25	11100								BOAT LDG			
320	JOINT 621	16.88	-9.75	105.00								MLW			
321	JOINT 622	-1.33	-9.75	105.00								MLW			
322	JOINT 623	-16.88	-9.75	105.00								MLW			
323	JOINT 624	9.00	5.90	105.00								MLW			
324	JOINT 625	-7.67	5.85	105.00								MLW			
325	JOINT 626	0.00	19.49	105.00								MLW			
326	JOINT 651	17.74	-10.25	99.00								BOAT LDG			
327	JOINT 653	-17.74	-10.25	99.00								BOAT LDG			
328	JOINT 656	0.0	20.49	99.00								BOAT LDG			
329	JOINT 661	17.74	-15.25	9900								BOAT LDG			
330	JOINT 662	0.0	-15.25	9900								BOAT LDG			
331	JOINT 663	-17.74	-15.25	9900								BOAT LDG			
332	JOINT 701	18.76	-10.83	92.00								7 LEVEL			
333	JOINT 702	0.0	-10.83	92.00								7 LEVEL			
334	JOINT 703	-18.76	-10.83	92.00								7 LEVEL			
335	JOINT 704	9.38	5.41	92.00								7 LEVEL			
336	JOINT 705	-9.38	5.41	92.00								7 LEVEL			
337	JOINT 706	0.0	21.66	92.00								7 LEVEL			
338	JOINT 707	20.93	-12.08	92.41								7 LEVEL			
339	JOINT 708	-20.93	-12.08	92.41								7 LEVEL			
340	JOINT 709	0.0	24.16	92.41								7 LEVEL			
341	JOINT 710	18.76	-10.83	91.99								7 LEVEL			
342	JOINT 711	-18.76	-10.83	91.99								7 LEVEL			
343	JOINT 712	0.0	21.66	91.99								7 LEVEL			

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

     344 JOINT  801    22.79 -13.16  64.00                                    8 LEVEL
     345 JOINT  802     0.0  -13.16  64.00                                    8 LEVEL
     346 JOINT  803   -22.79 -13.16  64.00                                    8 LEVEL
     347 JOINT  804    11.40   6.58  64.00                                    8 LEVEL
     348 JOINT  805   -11.40   6.58  64.00                                    8 LEVEL
     349 JOINT  806     0.0   26.32  64.00                                    8 LEVEL
     350 JOINT  807    24.96 -14.41  64.41                                    8 LEVEL
     351 JOINT  808   -24.96 -14.41  64.41                                    8 LEVEL
     352 JOINT  809     0.0   28.82  64.41                                    8 LEVEL
     353 JOINT  810    22.79 -13.16  65.99                                    8 LEVEL
     354 JOINT  811   -22.79 -13.16  65.99                                    8 LEVEL
     355 JOINT  812     0.0   26.32  65.99                                    8 LEVEL
     356 JOINT  901    27.42 -15.83  32.00                                    9 LEVEL
     357 JOINT  902     0.0  -15.83  32.00                                    9 LEVEL
     358 JOINT  903   -27.42 -15.83  32.00                                    9 LEVEL
     359 JOINT  904    13.71   7.91  32.00                                    9 LEVEL
     360 JOINT  905   -13.71   7.91  32.00                                    9 LEVEL
     361 JOINT  906     0.0   31.66  32.00                                    9 LEVEL
     362 JOINT  907    29.59 -17.08  32.41                                    9 LEVEL
     363 JOINT  908   -29.59 -17.08  32.41                                    9 LEVEL
     364 JOINT  909     0.0   34.16  32.41                                    9 LEVEL
     365 JOINT  910    27.42 -15.83  31.99                                    9 LEVEL
     366 JOINT  911   -27.42 -15.83  31.99                                    9 LEVEL
     367 JOINT  912     0.0   31.66  31.99                                    9 LEVEL
     368 JOINT 1001    32.04 -18.50   0.0                                     MUDLINE
     369 JOINT 1002     0.0  -18.50   0.0                                     MUDLINE
     370 JOINT 1003   -32.04 -18.50   0.0                                     MUDLINE
     371 JOINT 1004    16.02   9.25   0.0                                     MUDLINE
     372 JOINT 1005   -16.02   9.25   0.0                                     MUDLINE
     373 JOINT 1006     0.0   37.00   0.0                                     MUDLINE
     374 JOINT 1007    34.21 -19.75   0.41                                    MUDLINE
     375 JOINT 1008   -34.21 -19.75   0.41                                    MUDLINE
     376 JOINT 1009     0.0   39.50   0.41                                    MUDLINE
     377 JOINT 1010    32.04 -18.50  -0.01                          111111    MUDLINE
     378 JOINT 1010                                                 NONLIN    MUDLINE
     379 JOINT 1010                                1010    910 DBLIGU        MUDLINE
     380 JOINT 1011   -32.04 -18.50  -0.01                          111111    MUDLINE
     381 JOINT 1011                                                 NONLIN    MUDLINE
     382 JOINT 1011                                1011    911 DBLIGU        MUDLINE
     383 JOINT 1012     0.0   37.00  -0.01                          111111    MUDLINE
     384 JOINT 1012                                                 NONLIN    MUDLINE
     385 JOINT 1012                                1012    912 DBLIGU        MUDLINE
     386 LOAD
     387 LOADCN   1
     388 LOAD A   510 710     7.59      23                          GLOB CONC    WN 0 1
     389 LOAD Y   510 710                                7.59  1821* GLOB MOMT    WN 0 1
     390 LOAD Y   510 710     7.59      40                          GLOB CONC    WN 0 1
     391 LOAD A   510 710                                7.59= 31555 GLOB MOMT    WN 0 1
     392 LOAD A   511 711     7.59      23                          GLOB CONC    WN 0 1
```

STRAN INPUT DATA

U.S. NAVY - ACHR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STH

LINE NO.																
393	LOAD	Y	511	711						7.59	16216	GLOB	MOMT	WN	0	1
394	LOAD	Y	511	711	7.59	40						GLOB	CONC	WN	0	1
395	LOAD	X	511	711						7.59-	31555	GLOB	MOMT	WN	0	1
396	LOAD	X	512	712	7.59	23						GLOB	CONC	WN	0	1
397	LOAD	Y	512	712						7.59	16218	GLOB	MOMT	WN	0	1
398	LOAD	Y	512	712	7.59	40						GLOB	CONC	WN	0	1
399	LOAD	X	512	712						7.59-	31555	GLOB	MOMT	WN	0	1
400	LOAD	X	510	710	7.59	24						GLOB	CONC	WN	0	1
401	LOAD	Y	510	710						7.59	16892	GLOB	MOMT	WN	0	1
402	LOAD	Y	510	710	7.59	41						GLOB	CONC	WN	0	1
403	LOAD	X	510	710						7.59-	29258	GLOB	MOMT	WN	0	1
404	LOAD	X	511	711	7.59	24						GLOB	CONC	WN	0	1
405	LOAD	Y	511	711						7.59	16892	GLOB	MOMT	WN	0	1
406	LOAD	Y	511	711	7.59	41						GLOB	CONC	WN	0	1
407	LOAD	X	511	711						7.59-	29258	GLOB	MOMT	WN	0	1
408	LOAD	X	512	712	7.59	24						GLOB	CONC	WN	0	1
409	LOAD	Y	512	712						7.59	16892	GLOB	MOMT	WN	0	1
410	LOAD	Y	512	712	7.59	41						GLOB	CONC	WN	0	1
411	LOAD	X	512	712						7.59-	29258	GLOB	MOMT	WN	0	1
412	LOAD	X	501	503	22.12	17	9.27	17				GLOB	UNIF	WV	0	1
413	LOAD	Y	501	503	22.12	53	9.27	47				GLOB	UNIF	WV	0	1
414	LOAD	Z	501	503	22.12-	18	9.27-	17				GLOB	UNIF	WV	0	1
415	LOAD	X	501	503	31.39	17	9.27	15				GLOB	UNIF	WV	0	1
416	LOAD	Y	501	503	31.39	47	9.27	42				GLOB	UNIF	WV	0	1
417	LOAD	Z	501	503	31.39-	17	9.27-	16				GLOB	UNIF	WV	0	1
418	LOAD	Y	501	502	0.00	24	15.15	24				GLOB	UNIF	WV	0	1
419	LOAD	Z	501	502	0.00	1	4.78					GLOB	UNIF	WV	0	1
420	LOAD	Z	501	502	4.78		10.37-	1				GLOB	UNIF	WV	0	1
421	LOAD	Y	502	503	0.00	24	15.15	24				GLOB	UNIF	WV	0	1
422	LOAD	Z	502	503	0.00-	1	15.15-	03				GLOB	UNIF	WV	0	1
423	LOAD	Z	503	505	0.00-	03	7.57-	03				GLOB	UNIF	WV	0	1
424	LOAD	Z	503	505	7.57-	03	7.57-	02				GLOB	UNIF	WV	0	1
425	LOAD	Z	505	506	0.00-	02	5.05-	02				GLOB	UNIF	WV	0	1
426	LOAD	Z	505	506	5.05-	02	5.05-	1				GLOB	UNIF	WV	0	1
427	LOAD	Z	505	506	10.10-	1	5.05-	1				GLOB	UNIF	WV	0	1
428	LOAD	X	501	504	0.00	21	15.15	21				GLOB	UNIF	WV	0	1
429	LOAD	Y	501	504	0.00	12	15.15	12				GLOB	UNIF	WV	0	1
430	LOAD	Z	501	504	0.00	1	15.15	02				GLOB	UNIF	WV	0	1
431	LOAD	X	504	506	0.00	21	15.15	20				GLOB	UNIF	WV	0	1
432	LOAD	Y	504	506	0.00	12	15.15	12				GLOB	UNIF	WV	0	1
433	LOAD	Z	504	506	0.00	02	15.15	04				GLOB	UNIF	WV	0	1
434	LOAD	Z	502	504	0.00-	1	5.05-	1				GLOB	UNIF	WV	0	1
435	LOAD	Z	502	504	5.05-	1	5.05-	1				GLOB	UNIF	WV	0	1
436	LOAD	Z	502	504	10.10-	1	5.05					GLOB	UNIF	WV	0	1
437	LOAD	X	502	505	0.00	14	15.15	14				GLOB	UNIF	WV	0	1
438	LOAD	Y	502	505	0.00	08	15.15	08				GLOB	UNIF	WV	0	1
439	LOAD	Z	502	505	2.53		12.62	1				GLOB	UNIF	WV	0	1
440	LOAD	Y	504	505	0.00	16	15.16	16				GLOB	UNIF	WV	0	1
441	LOAD	Z	504	505	0.00	02	15.16	1				GLOB	UNIF	WV	0	1

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
442	LOAD X 501 513	0.00	12	2.99	12						GLOB UNIF		WV 0 1		
443	LOAD Y 501 513	0.00	21	2.99	21						GLOB UNIF		WV 0 1		
444	LOAD Z 501 513	0.00	1	2.99	1						GLOB UNIF		WV 0 1		
445	LOAD X 503 514	0.00-	03	2.99-	03						GLOB UNIF		WV 0 1		
446	LOAD Y 503 514	0.00	05	2.99	05						GLOB UNIF		WV 0 1		
447	LOAD Z 503 514	0.00-	02	2.99-	02						GLOB UNIF		WV 0 1		
448	LOAD X 513 651	0.00	41	6.00	37						GLOB UNIF		WV 0 1		
449	LOAD Y 513 651	0.00	71	6.00	64						GLOB UNIF		WV 0 1		
450	LOAD X 513 651	6.00	37	6.00	33						GLOB UNIF		WV 0 1		
451	LOAD Y 513 651	6.00	64	6.00	58						GLOB UNIF		WV 0 1		
452	LOAD X 513 651	12.00	33	6.00	30						GLOB UNIF		WV 0 1		
453	LOAD Y 513 651	12.00	58	6.00	52						GLOB UNIF		WV 0 1		
454	LOAD X 514 653	0.00	39	6.00	35						GLOB UNIF		WV 0 1		
455	LOAD Y 514 653	0.00	68	6.00	61						GLOB UNIF		WV 0 1		
456	LOAD X 514 653	6.00	35	6.00	32						GLOB UNIF		WV 0 1		
457	LOAD Y 514 653	6.00	61	6.00	55						GLOB UNIF		WV 0 1		
458	LOAD X 514 653	12.00	32	6.00	29						GLOB UNIF		WV 0 1		
459	LOAD Y 514 653	12.00	55	6.00	50						GLOB UNIF		WV 0 1		
460	LOAD X 601 611	0.00	06	6.00	06						GLOB UNIF		WV 0 1		
461	LOAD Z 601 611	0.00		6.00-	1						GLOB UNIF		WV 0 1		
462	LOAD X 603 613	0.00	06	6.00	06						GLOB UNIF		WV 0 1		
463	LOAD Z 603 613	0.00-	02	6.00-	03						GLOB UNIF		WV 0 1		
464	LOAD X 651 661	0.00	05	5.00	05						GLOB UNIF		WV 0 1		
465	LOAD Z 651 661	0.00-	1	5.00-	1						GLOB UNIF		WV 0 1		
466	LOAD X 653 663	0.00	05	5.00	05						GLOB UNIF		WV 0 1		
467	LOAD Z 653 663	0.00-	02	5.00-	02						GLOB UNIF		WV 0 1		
468	LOAD Y 611 612	0.00	16	16.01	16						GLOB UNIF		WV 0 1		
469	LOAD Z 611 612	0.00		16.01-	1						GLOB UNIF		WV 0 1		
470	LOAD Y 612 613	0.00	16	16.01	16						GLOB UNIF		WV 0 1		
471	LOAD Z 612 613	0.00-	1	16.01-	03						GLOB UNIF		WV 0 1		
472	LOAD Y 601 602	0.00	30	17.74	29						GLOB UNIF		WV 0 1		
473	LOAD Z 601 602	0.00-	04	17.74-	06						GLOB UNIF		WV 0 1		
474	LOAD Y 602 603	0.00	29	17.74	29						GLOB UNIF		WV 0 1		
475	LOAD Z 602 603	0.00-	06	17.74-	08						GLOB UNIF		WV 0 1		
476	LOAD X 611 601	0.00	26	6.06	23						GLOB UNIF		WV 0 1		
477	LOAD Y 611 601	0.00	47	6.06	43						GLOB UNIF		WV 0 1		
478	LOAD Z 611 601	0.00	04	6.06	03						GLOB UNIF		WV 0 1		
479	LOAD X 611 601	6.06	23	6.06	21						GLOB UNIF		WV 0 1		
480	LOAD Y 611 601	6.06	43	6.06	39						GLOB UNIF		WV 0 1		
481	LOAD Z 611 601	6.06	03	6.06	03						GLOB UNIF		WV 0 1		
482	LOAD X 612 602	0.00	18	6.00	16						GLOB UNIF		WV 0 1		
483	LOAD Y 612 602	0.00	31	6.00	28						GLOB UNIF		WV 0 1		
484	LOAD X 612 602	6.00	16	6.00	15						GLOB UNIF		WV 0 1		
485	LOAD Y 612 602	6.00	28	6.00	25						GLOB UNIF		WV 0 1		
486	LOAD X 613 603	0.00	27	6.06	25						GLOB UNIF		WV 0 1		
487	LOAD Y 613 603	0.00	45	6.06	41						GLOB UNIF		WV 0 1		
488	LOAD Z 613 603	0.00-	04	6.06-	04						GLOB UNIF		WV 0 1		
489	LOAD X 613 603	6.06	25	6.06	22						GLOB UNIF		WV 0 1		
490	LOAD Y 613 603	6.06	41	6.06	37						GLOB UNIF		WV 0 1		

U.S. NAVY - ACHR PLATFORMS - PLATFORM #3 + 84 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1...5	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
491	LOAD Z	613	663	6.06-	04	6.06-	03					GLOB	UNIF	WV	0	1
492	LOAD X	501	622	0.00	05	10.21	05					GLOB	UNIF	WV	0	1
493	LOAD Y	501	622	0.00	29	10.21	27					GLOB	UNIF	WV	0	1
494	LOAD Z	501	622	0.00-	09	10.21-	09					GLOB	UNIF	WV	0	1
495	LOAD X	501	622	10.21	05	10.21	05					GLOB	UNIF	WV	0	1
496	LOAD Y	501	622	10.21	27	10.21	24					GLOB	UNIF	WV	0	1
497	LOAD Z	501	622	10.21-	09	10.21-	09					GLOB	UNIF	WV	0	1
498	LOAD X	622	703	0.00	10	10.89	10					GLOB	UNIF	WV	0	1
499	LOAD Y	622	703	0.00	37	10.89	33					GLOB	UNIF	WV	0	1
500	LOAD Z	622	703	0.00-	16	10.89-	16					GLOB	UNIF	WV	0	1
501	LOAD X	622	703	10.89	10	10.89	09					GLOB	UNIF	WV	0	1
502	LOAD Y	622	703	10.89	33	10.89	29					GLOB	UNIF	WV	0	1
503	LOAD Z	622	703	10.89-	16	10.89-	15					GLOB	UNIF	WV	0	1
504	LOAD X	503	625	0.00	04	20.25	05					GLOB	UNIF	WV	0	1
505	LOAD Y	503	625	0.00	05	20.25	06					GLOB	UNIF	WV	0	1
506	LOAD Z	503	625	0.00	08	20.25	10					GLOB	UNIF	WV	0	1
507	LOAD X	625	706	0.00	07	10.96	07					GLOB	UNIF	WV	0	1
508	LOAD Y	625	706	0.00	08	10.96	09					GLOB	UNIF	WV	0	1
509	LOAD Z	625	706	0.00	14	10.96	15					GLOB	UNIF	WV	0	1
510	LOAD X	625	706	10.96	07	10.96	07					GLOB	UNIF	WV	0	1
511	LOAD Y	625	706	10.96	09	10.96	09					GLOB	UNIF	WV	0	1
512	LOAD Z	625	706	10.96	15	10.96	15					GLOB	UNIF	WV	0	1
513	LOAD X	506	624	0.00	23	10.12	21					GLOB	UNIF	WV	0	1
514	LOAD Y	506	624	0.00	19	10.12	18					GLOB	UNIF	WV	0	1
515	LOAD Z	506	624	0.00-	04	10.12-	05					GLOB	UNIF	WV	0	1
516	LOAD X	506	624	10.12	21	10.12	19					GLOB	UNIF	WV	0	1
517	LOAD Y	506	624	10.12	18	10.12	17					GLOB	UNIF	WV	0	1
518	LOAD Z	506	624	10.12-	05	10.12-	05					GLOB	UNIF	WV	0	1
519	LOAD X	624	701	0.00	29	10.97	26					GLOB	UNIF	WV	0	1
520	LOAD Y	624	701	0.00	26	10.97	26					GLOB	UNIF	WV	0	1
521	LOAD Z	624	701	0.00-	10	10.97-	10					GLOB	UNIF	WV	0	1
522	LOAD X	624	701	10.97	26	10.97	23					GLOB	UNIF	WV	0	1
523	LOAD Y	624	701	10.97	26	10.97	24					GLOB	UNIF	WV	0	1
524	LOAD Z	624	701	10.97-	10	10.97-	10					GLOB	UNIF	WV	0	1
525	LOAD Y	701	702	0.00	20	10.76	20					GLOB	UNIF	WV	0	1
526	LOAD Z	701	702	0.00-	1	10.76-	02					GLOB	UNIF	WV	0	1
527	LOAD Y	702	703	0.00	20	10.76	19					GLOB	UNIF	WV	0	1
528	LOAD Z	702	703	0.00-	02	10.76-	04					GLOB	UNIF	WV	0	1
529	LOAD Z	703	705	0.00-	03	10.75-	03					GLOB	UNIF	WV	0	1
530	LOAD Z	705	706	0.00-	03	6.25-	03					GLOB	UNIF	WV	0	1
531	LOAD Z	705	706	6.25-	03	6.25-	02					GLOB	UNIF	WV	0	1
532	LOAD Z	705	706	12.51-	02	6.25-	1					GLOB	UNIF	WV	0	1
533	LOAD X	701	704	0.00	17	10.75	17					GLOB	UNIF	WV	0	1
534	LOAD Y	701	704	0.00	10	10.75	10					GLOB	UNIF	WV	0	1
535	LOAD Z	701	704	0.00-	1	4.58						GLOB	UNIF	WV	0	1
536	LOAD Z	701	704	4.58		4.58	1					GLOB	UNIF	WV	0	1
537	LOAD X	704	706	0.00	17	10.75	17					GLOB	UNIF	WV	0	1
538	LOAD Y	704	706	0.00	10	10.75	10					GLOB	UNIF	WV	0	1
539	LOAD Z	704	706	0.00	1	10.75	02					GLOB	UNIF	WV	0	1

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

     540 LOAD Z  702 704    0.00-  02   9.38-  02                GLOB UNIF     WV 0 1
     541 LOAD Z  702 704    9.38-  02   9.38-  02                GLOB UNIF     WV 0 1
     542 LOAD X  702 705    0.00   15  18.75   15                GLOB UNIF     WV 0 1
     543 LOAD Y  702 705    0.00   08  18.75   09                GLOB UNIF     WV 0 1
     544 LOAD Z  702 705    0.00-  02  18.75                     GLOB UNIF     WV 0 1
     545 LOAD Y  704 705    0.00   17  18.76   17                GLOB UNIF     WV 0 1
     546 LOAD Z  704 705    0.00    1  14.74                     GLOB UNIF     WV 0 1
     547 LOAD X  701 806    0.00   25  16.72   21                GLOB UNIF     WV 0 1
     548 LOAD Y  701 806    0.00   18  16.72   16                GLOB UNIF     WV 0 1
     549 LOAD Z  701 806    0.00   07  16.72   07                GLOB UNIF     WV 0 1
     550 LOAD X  701 806   16.72   21  16.72   18                GLOB UNIF     WV 0 1
     551 LOAD Y  701 806   16.72   16  16.72   14                GLOB UNIF     WV 0 1
     552 LOAD Z  701 806   16.72   07  16.72   07                GLOB UNIF     WV 0 1
     553 LOAD X  701 806   35.44   18  16.72   15                GLOB UNIF     WV 0 1
     554 LOAD Y  701 806   35.44   14  16.72   12                GLOB UNIF     WV 0 1
     555 LOAD Z  701 806   35.44   07  16.72   06                GLOB UNIF     WV 0 1
     556 LOAD X  703 801    0.00   03  16.72   03                GLOB UNIF     WV 0 1
     557 LOAD Y  703 801    0.00   31  16.72   27                GLOB UNIF     WV 0 1
     558 LOAD Z  703 801    0.00    1  16.72   02                GLOB UNIF     WV 0 1
     559 LOAD X  703 801   16.72   03  16.72   03                GLOB UNIF     WV 0 1
     560 LOAD Y  703 801   16.72   27  16.72   24                GLOB UNIF     WV 0 1
     561 LOAD Z  703 801   16.72   02  16.72   03                GLOB UNIF     WV 0 1
     562 LOAD X  703 801   35.44   03  16.72   03                GLOB UNIF     WV 0 1
     563 LOAD Y  703 801   35.44   24  16.72   21                GLOB UNIF     WV 0 1
     564 LOAD Z  703 801   35.44   03  16.72   03                GLOB UNIF     WV 0 1
     565 LOAD X  706 803    0.00   05  50.16   03                GLOB UNIF     WV 0 1
     566 LOAD Y  706 803    0.00   06  50.16   06                GLOB UNIF     WV 0 1
     567 LOAD Z  706 803    0.00-  10  50.16-  10                GLOB UNIF     WV 0 1
     568 LOAD Y  801 802    0.00   13  22.79   13                GLOB UNIF     WV 0 1
     569 LOAD Z  801 802    0.00-   1  22.79-  02                GLOB UNIF     WV 0 1
     570 LOAD Y  802 803    0.00   13  22.79   13                GLOB UNIF     WV 0 1
     571 LOAD Z  802 803    0.00-  02  22.79-  03                GLOB UNIF     WV 0 1
     572 LOAD Z  803 805    0.00-  02  22.79-  02                GLOB UNIF     WV 0 1
     573 LOAD Z  805 806    0.00-  02  11.40-  02                GLOB UNIF     WV 0 1
     574 LOAD Z  805 806   11.40-  02  11.40-   1                GLOB UNIF     WV 0 1
     575 LOAD X  801 804    0.00   12  22.79   11                GLOB UNIF     WV 0 1
     576 LOAD Y  801 804    0.00   07  22.79   07                GLOB UNIF     WV 0 1
     577 LOAD Z  801 804    0.00-   1  22.79                     GLOB UNIF     WV 0 1
     578 LOAD X  804 806    0.00   11  22.80   11                GLOB UNIF     WV 0 1
     579 LOAD Y  804 806    0.00   07  22.80   06                GLOB UNIF     WV 0 1
     580 LOAD Z  804 806    2.28       20.52    1                GLOB UNIF     WV 0 1
     581 LOAD Z  802 804    0.00-  02  11.40-   1                GLOB UNIF     WV 0 1
     582 LOAD Z  802 804   11.40-   1  11.40-   1                GLOB UNIF     WV 0 1
     583 LOAD X  802 805    0.00   09  22.80   09                GLOB UNIF     WV 0 1
     584 LOAD Y  802 805    0.00   05  22.80   05                GLOB UNIF     WV 0 1
     585 LOAD Z  802 805    0.00-   1  22.80                     GLOB UNIF     WV 0 1
     586 LOAD Y  804 805    0.00   10  22.80   11                GLOB UNIF     WV 0 1
     587 LOAD X  801 903    0.00   04  19.87   03                GLOB UNIF     WV 0 1
     588 LOAD Y  801 903    0.00   16  19.87   16                GLOB UNIF     WV 0 1
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STH

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     589 LOAD Z  801 903   0.00-  07  19.87-  07                    GLOB UNIF     WV 0 1
     590 LOAD X  801 903  19.87   03  19.87   03                    GLOB UNIF     WV 0 1
     591 LOAD Y  801 903  19.87   10  19.87   13                    GLOB UNIF     WV 0 1
     592 LOAD Z  801 903  19.87-  07  19.87-  06                    GLOB UNIF     WV 0 1
     593 LOAD X  801 903  39.73   03  19.87   03                    GLOB UNIF     WV 0 1
     594 LOAD Y  801 903  39.73   13  19.87   11                    GLOB UNIF     WV 0 1
     595 LOAD Z  801 903  39.73-  06  19.87-  05                    GLOB UNIF     WV 0 1
     596 LOAD A  803 906   0.00    1  19.87   02                    GLOB UNIF     WV 0 1
     597 LOAD Y  803 906   0.00       19.87   02                    GLOB UNIF     WV 0 1
     598 LOAD Z  803 906   0.00    1  19.87   03                    GLOB UNIF     WV 0 1
     599 LOAD X  803 906  19.87   02  19.87   02                    GLOB UNIF     WV 0 1
     600 LOAD Y  803 906  19.87   02  19.87   02                    GLOB UNIF     WV 0 1
     601 LOAD Z  803 906  19.87   03  19.87   04                    GLOB UNIF     WV 0 1
     602 LOAD A  803 906  39.73   02  19.87   02                    GLOB UNIF     WV 0 1
     603 LOAD Y  803 906  39.73   02  19.87   02                    GLOB UNIF     WV 0 1
     604 LOAD Z  803 906  39.73   04  19.87   05                    GLOB UNIF     WV 0 1
     605 LOAD X  806 901   0.00   14  19.87   13                    GLOB UNIF     WV 0 1
     606 LOAD Y  806 901   0.00   13  19.87   12                    GLOB UNIF     WV 0 1
     607 LOAD Z  806 901   0.00-  04  19.87-  04                    GLOB UNIF     WV 0 1
     608 LOAD A  806 901  19.87   13  19.87   11                    GLOB UNIF     WV 0 1
     609 LOAD Y  806 901  19.87   12  19.87   10                    GLOB UNIF     WV 0 1
     610 LOAD Z  806 901  19.87-  04  19.87-  04                    GLOB UNIF     WV 0 1
     611 LOAD A  806 901  39.74   11  19.87   10                    GLOB UNIF     WV 0 1
     612 LOAD Y  806 901  39.74   10  19.87   09                    GLOB UNIF     WV 0 1
     613 LOAD Z  806 901  39.74-  04  19.87-  04                    GLOB UNIF     WV 0 1
     614 LOAD Y  901 902   0.00   10  27.42   09                    GLOB UNIF     WV 0 1
     615 LOAD Z  901 902   0.00-   1  27.42-   1                    GLOB UNIF     WV 0 1
     616 LOAD Y  902 903   0.00   09  27.42   09                    GLOB UNIF     WV 0 1
     617 LOAD Z  902 903   0.00-   1  27.42-  02                    GLOB UNIF     WV 0 1
     618 LOAD Z  903 905   0.00-   1  27.41-   1                    GLOB UNIF     WV 0 1
     619 LOAD Z  905 906   0.00-   1  27.42-   1                    GLOB UNIF     WV 0 1
     620 LOAD X  901 904   0.00   08  27.41   08                    GLOB UNIF     WV 0 1
     621 LOAD Y  901 904   0.00   05  27.41   05                    GLOB UNIF     WV 0 1
     622 LOAD Z  901 904   0.00-   1  27.41                         GLOB UNIF     WV 0 1
     623 LOAD X  904 906   0.00   08  27.42   08                    GLOB UNIF     WV 0 1
     624 LOAD Y  904 906   0.00   05  27.42   05                    GLOB UNIF     WV 0 1
     625 LOAD Z  902 904   0.00-   1  27.41-   1                    GLOB UNIF     WV 0 1
     626 LOAD X  902 905   0.00   06  27.41   06                    GLOB UNIF     WV 0 1
     627 LOAD Y  902 905   0.00   03  27.41   03                    GLOB UNIF     WV 0 1
     628 LOAD Z  902 905   0.00-   1  27.41                         GLOB UNIF     WV 0 1
     629 LOAD Y  904 905   0.00   07  27.42   07                    GLOB UNIF     WV 0 1
     630 LOAD X  9011002   0.00   04  14.08   03                    GLOB UNIF     WV 0 1
     631 LOAD Y  9011002   0.00   11  14.08   10                    GLOB UNIF     WV 0 1
     632 LOAD Z  9011002   0.00-  04  14.08-  04                    GLOB UNIF     WV 0 1
     633 LOAD X  9011002  14.08   05  14.08   03                    GLOB UNIF     WV 0 1
     634 LOAD Y  9011002  14.08   10  14.08   09                    GLOB UNIF     WV 0 1
     635 LOAD Z  9011002  14.08-  04  14.08-  05                    GLOB UNIF     WV 0 1
     636 LOAD X  9011002  28.15   05  14.08   02                    GLOB UNIF     WV 0 1
     637 LOAD Y  9011002  28.15   09  14.08   07                    GLOB UNIF     WV 0 1
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STM

```
                                1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
   038 LOAD Z 9011002   28.15-   03  14.08-   02                    GLOB UNIF     WV 0 1
   039 LOAD X 9031002    0.00    03  14.08    03                    GLOB UNIF     WV 0 1
   040 LOAD Y 9031002    0.00    11  14.08    10                    GLOB UNIF     WV 0 1
   041 LOAD Z 9031002    0.00    02  14.08    02                    GLOB UNIF     WV 0 1
   042 LOAD X 9031002   14.08    03  14.08    03                    GLOB UNIF     WV 0 1
   043 LOAD Y 9031002   14.08    10  14.08    09                    GLOB UNIF     WV 0 1
   044 LOAD Z 9031002   14.08    02  14.08    02                    GLOB UNIF     WV 0 1
   045 LOAD X 9031002   28.15    03  14.08    03                    GLOB UNIF     WV 0 1
   046 LOAD Y 9031002   28.15    09  14.08    08                    GLOB UNIF     WV 0 1
   047 LOAD Z 9031002   28.15    02  14.08    02                    GLOB UNIF     WV 0 1
   048 LOAD X 9031005    0.00    03  14.08    03                    GLOB UNIF     WV 0 1
   049 LOAD Y 9031005    0.00    03  14.08    04                    GLOB UNIF     WV 0 1
   050 LOAD Z 9031005    0.00    04  14.08    04                    GLOB UNIF     WV 0 1
   051 LOAD X 9031005   14.08    03  14.08    03                    GLOB UNIF     WV 0 1
   052 LOAD Y 9031005   14.08    04  14.08    04                    GLOB UNIF     WV 0 1
   053 LOAD Z 9031005   14.08    04  14.08    04                    GLOB UNIF     WV 0 1
   054 LOAD X 9031005   28.15    03  14.08    03                    GLOB UNIF     WV 0 1
   055 LOAD Y 9031005   28.15    04  14.08    04                    GLOB UNIF     WV 0 1
   056 LOAD Z 9031005   28.15    04  14.08    04                    GLOB UNIF     WV 0 1
   057 LOAD X 9061005    0.00    03  14.07    03                    GLOB UNIF     WV 0 1
   058 LOAD Y 9061005    0.00    05  14.07    05                    GLOB UNIF     WV 0 1
   059 LOAD Z 9061005    0.00-   05  14.07-   05                    GLOB UNIF     WV 0 1
   060 LOAD X 9061005   14.07    03  14.07    02                    GLOB UNIF     WV 0 1
   061 LOAD Y 9061005   14.07    05  14.07    05                    GLOB UNIF     WV 0 1
   062 LOAD Z 9061005   14.07-   05  14.07-   05                    GLOB UNIF     WV 0 1
   063 LOAD X 9061005   28.15    02  14.07    02                    GLOB UNIF     WV 0 1
   064 LOAD Y 9061005   28.15    05  14.07    04                    GLOB UNIF     WV 0 1
   065 LOAD Z 9061005   28.15-   05  14.07-   04                    GLOB UNIF     WV 0 1
   066 LOAD X 9011004    0.00    08  14.08    07                    GLOB UNIF     WV 0 1
   067 LOAD Y 9011004    0.00    08  14.08    08                    GLOB UNIF     WV 0 1
   068 LOAD Z 9011004    0.00    03  14.08    03                    GLOB UNIF     WV 0 1
   069 LOAD X 9011004   14.08    07  14.08    07                    GLOB UNIF     WV 0 1
   070 LOAD Y 9011004   14.08    08  14.08    07                    GLOB UNIF     WV 0 1
   071 LOAD Z 9011004   14.08    03  14.08    03                    GLOB UNIF     WV 0 1
   072 LOAD X 9011004   28.15    07  14.08    06                    GLOB UNIF     WV 0 1
   073 LOAD Y 9011004   28.15    07  14.08    06                    GLOB UNIF     WV 0 1
   074 LOAD Z 9011004   28.15    03  14.08    03                    GLOB UNIF     WV 0 1
   075 LOAD X 9061004    0.00    08  14.07    07                    GLOB UNIF     WV 0 1
   076 LOAD Y 9061004    0.00    09  14.07    09                    GLOB UNIF     WV 0 1
   077 LOAD Z 9061004    0.00-   03  14.07-   02                    GLOB UNIF     WV 0 1
   078 LOAD X 9061004   14.07    07  14.07    07                    GLOB UNIF     WV 0 1
   079 LOAD Y 9061004   14.07    09  14.07    08                    GLOB UNIF     WV 0 1
   080 LOAD Z 9061004   14.07-   02  14.07-   02                    GLOB UNIF     WV 0 1
   081 LOAD X 9061004   28.15    07  14.07    06                    GLOB UNIF     WV 0 1
   082 LOAD Y 9061004   28.15    06  14.07    07                    GLOB UNIF     WV 0 1
   083 LOAD Z 9061004   28.15-   02  14.07-   02                    GLOB UNIF     WV 0 1
   084 LOAD Y 10011002   0.00    08  52.04    08                    GLOB UNIF     WV 0 1
   085 LOAD Y 10021003   0.00    06  52.04    07                    GLOB UNIF     WV 0 1
   086 LOAD X 10011004   0.00    07  52.04    07                    GLOB UNIF     WV 0 1
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
687	LOAD Y 10011004	0.00	04	32.04	04						GLOB UNIF		WV	0	1
688	LOAD X 10041006	0.00	07	32.04	07						GLOB UNIF		WV	0	1
689	LOAD Y 10041006	0.00	04	32.04	04						GLOB UNIF		WV	0	1
690	LOAD X 10021005	0.00	05	32.04	05						GLOB UNIF		WV	0	1
691	LOAD Y 10021005	0.00	03	32.04	03						GLOB UNIF		WV	0	1
692	LOAD Y 10041005	0.00	06	32.04	06						GLOB UNIF		WV	0	1
693	LOAD X 301 401	15.85	41	4.22	38						GLOB UNIF		WV	0	1
694	LOAD Y 301 401	15.85	72	4.22	66						GLOB UNIF		WV	0	1
695	LOAD X 301 401	20.06	38	4.22	35						GLOB UNIF		WV	0	1
696	LOAD Y 301 401	20.06	66	4.22	61						GLOB UNIF		WV	0	1
697	LOAD X 301 401	24.28	35	4.22	33						GLOB UNIF		WV	0	1
698	LOAD Y 301 401	24.28	61	4.22	57						GLOB UNIF		WV	0	1
699	LOAD X 303 403	15.21	42	4.43	38						GLOB UNIF		WV	0	1
700	LOAD Y 303 403	15.21	72	4.43	66						GLOB UNIF		WV	0	1
701	LOAD X 303 403	19.64	38	4.43	35						GLOB UNIF		WV	0	1
702	LOAD Y 303 403	19.64	66	4.43	61						GLOB UNIF		WV	0	1
703	LOAD X 303 403	24.07	35	4.43	32						GLOB UNIF		WV	0	1
704	LOAD Y 303 403	24.07	61	4.43	56						GLOB UNIF		WV	0	1
705	LOAD X 306 406	17.58	36	5.46	34						GLOB UNIF		WV	0	1
706	LOAD Y 306 406	17.58	66	5.46	59						GLOB UNIF		WV	0	1
707	LOAD X 306 406	23.04	34	5.46	31						GLOB UNIF		WV	0	1
708	LOAD Y 306 406	23.04	59	5.46	54						GLOB UNIF		WV	0	1
709	LOAD X 401 501	0.00	51	4.56	47						GLOB UNIF		WV	0	1
710	LOAD Y 401 501	0.00	94	4.56	87						GLOB UNIF		WV	0	1
711	LOAD X 403 503	0.00	53	4.56	49						GLOB UNIF		WV	0	1
712	LOAD Y 403 503	0.00	90	4.56	83						GLOB UNIF		WV	0	1
713	LOAD Z 403 503	0.00-	15	4.56-	14						GLOB UNIF		WV	0	1
714	LOAD X 406 506	0.00	54	4.56	50						GLOB UNIF		WV	0	1
715	LOAD Y 406 506	0.00	90	4.56	83						GLOB UNIF		WV	0	1
716	LOAD Z 406 506	0.00	15	4.56	14						GLOB UNIF		WV	0	1
717	LOAD X 501 601	0.00	47	6.08	42						GLOB UNIF		WV	0	1
718	LOAD Y 501 601	0.00	86	6.08	78						GLOB UNIF		WV	0	1
719	LOAD X 503 603	0.00	49	3.04	46						GLOB UNIF		WV	0	1
720	LOAD Y 503 603	0.00	82	3.04	78						GLOB UNIF		WV	0	1
721	LOAD Z 503 603	0.00-	14	3.04-	13						GLOB UNIF		WV	0	1
722	LOAD X 503 603	3.04	46	3.04	44						GLOB UNIF		WV	0	1
723	LOAD Y 503 603	3.04	78	3.04	74						GLOB UNIF		WV	0	1
724	LOAD Z 503 603	3.04-	13	3.04-	12						GLOB UNIF		WV	0	1
725	LOAD X 506 606	0.00	47	6.08	44						GLOB UNIF		WV	0	1
726	LOAD Y 506 606	0.00	82	6.08	74						GLOB UNIF		WV	0	1
727	LOAD Z 506 606	0.00	14	6.08	13						GLOB UNIF		WV	0	1
728	LOAD X 601 621	0.00	42	6.08	38						GLOB UNIF		WV	0	1
729	LOAD Y 601 621	0.00	78	6.08	70						GLOB UNIF		WV	0	1
730	LOAD X 603 623	0.00	44	6.08	40						GLOB UNIF		WV	0	1
731	LOAD Y 603 623	0.00	74	6.08	66						GLOB UNIF		WV	0	1
732	LOAD Z 603 623	0.00-	13	6.08-	11						GLOB UNIF		WV	0	1
733	LOAD X 606 626	0.00	44	6.08	40						GLOB UNIF		WV	0	1
734	LOAD Y 606 626	0.00	74	6.08	67						GLOB UNIF		WV	0	1
735	LOAD Z 606 626	0.00	12	6.08	11						GLOB UNIF		WV	0	1

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MSL 105.0 FEET - OPERATIONAL STA

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
736	LOAD X	621	651	0.00	54	6.08	49				GLOB	UNIF		WV	0 1
737	LOAD Y	621	651	0.00	105	6.08	95				GLOB	UNIF		WV	0 1
738	LOAD Z	621	651	0.00-	1	6.08-	1				GLOB	UNIF		WV	0 1
739	LOAD X	623	653	0.00	59	3.04	56				GLOB	UNIF		WV	0 1
740	LOAD Y	623	653	0.00	96	3.04	91				GLOB	UNIF		WV	0 1
741	LOAD Z	623	653	0.00-	10	3.04-	10				GLOB	UNIF		WV	0 1
742	LOAD X	623	653	3.04	56	3.04	53				GLOB	UNIF		WV	0 1
743	LOAD Y	623	653	3.04	91	3.04	86				GLOB	UNIF		WV	0 1
744	LOAD Z	623	653	3.04-	10	3.04-	15				GLOB	UNIF		WV	0 1
745	LOAD X	626	656	0.00	61	6.08	55				GLOB	UNIF		WV	0 1
746	LOAD Y	626	656	0.00	100	6.08	91				GLOB	UNIF		WV	0 1
747	LOAD Z	626	656	0.00	17	6.08	15				GLOB	UNIF		WV	0 1
748	LOAD X	651	701	0.00	49	3.55	46				GLOB	UNIF		WV	0 1
749	LOAD Y	651	701	0.00	95	3.55	89				GLOB	UNIF		WV	0 1
750	LOAD Z	651	701	0.00-	1	3.55-	1				GLOB	UNIF		WV	0 1
751	LOAD X	651	701	3.55	46	3.55	43				GLOB	UNIF		WV	0 1
752	LOAD Y	651	701	3.55	89	3.55	84				GLOB	UNIF		WV	0 1
753	LOAD Z	651	701	3.55-	1	3.55-	1				GLOB	UNIF		WV	0 1
754	LOAD X	653	703	0.00	55	3.55	49				GLOB	UNIF		WV	0 1
755	LOAD Y	653	703	0.00	86	3.55	81				GLOB	UNIF		WV	0 1
756	LOAD Z	653	703	0.00-	15	3.55-	14				GLOB	UNIF		WV	0 1
757	LOAD X	653	703	3.55	49	3.55	46				GLOB	UNIF		WV	0 1
758	LOAD Y	653	703	3.55	81	3.55	75				GLOB	UNIF		WV	0 1
759	LOAD Z	653	703	3.55-	14	3.55-	13				GLOB	UNIF		WV	0 1
760	LOAD X	656	706	0.00	55	3.55	52				GLOB	UNIF		WV	0 1
761	LOAD Y	656	706	0.00	91	3.55	86				GLOB	UNIF		WV	0 1
762	LOAD Z	656	706	0.00	15	3.55	14				GLOB	UNIF		WV	0 1
763	LOAD X	656	706	3.55	52	3.55	49				GLOB	UNIF		WV	0 1
764	LOAD Y	656	706	3.55	86	3.55	81				GLOB	UNIF		WV	0 1
765	LOAD Z	656	706	3.55	14	3.55	13				GLOB	UNIF		WV	0 1
766	LOAD X	701	801	0.00	42	9.46	35				GLOB	UNIF		WV	0 1
767	LOAD Y	701	801	0.00	80	9.46	68				GLOB	UNIF		WV	0 1
768	LOAD Z	701	801	0.00-	1	9.46-	1				GLOB	UNIF		WV	0 1
769	LOAD X	701	801	9.46	35	9.46	30				GLOB	UNIF		WV	0 1
770	LOAD Y	701	801	9.46	68	9.46	58				GLOB	UNIF		WV	0 1
771	LOAD Z	701	801	9.46-	1	9.46					GLOB	UNIF		WV	0 1
772	LOAD X	701	801	18.92	30	9.46	26				GLOB	UNIF		WV	0 1
773	LOAD Y	701	801	18.92	58	9.46	50				GLOB	UNIF		WV	0 1
774	LOAD X	703	803	0.00	44	9.46	37				GLOB	UNIF		WV	0 1
775	LOAD Y	703	803	0.00	72	9.46	60				GLOB	UNIF		WV	0 1
776	LOAD Z	703	803	0.00-	12	9.46-	10				GLOB	UNIF		WV	0 1
777	LOAD X	703	803	9.46	37	9.46	31				GLOB	UNIF		WV	0 1
778	LOAD Y	703	803	9.46	60	9.46	51				GLOB	UNIF		WV	0 1
779	LOAD Z	703	803	9.46-	10	9.46-	09				GLOB	UNIF		WV	0 1
780	LOAD X	703	803	18.92	31	9.46	26				GLOB	UNIF		WV	0 1
781	LOAD Y	703	803	18.92	51	9.46	43				GLOB	UNIF		WV	0 1
782	LOAD Z	703	803	18.92-	09	9.46-	07				GLOB	UNIF		WV	0 1
783	LOAD X	706	806	0.00	47	9.46	40				GLOB	UNIF		WV	0 1
784	LOAD Y	706	806	0.00	77	9.46	65				GLOB	UNIF		WV	0 1

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																
785	LOAD	Z	706	806	0.00	13	9.46	11				GLOB	UNIF		WV	0	1
786	LOAD	X	706	806	9.46	40	9.46	34				GLOB	UNIF		WV	0	1
787	LOAD	Y	706	806	9.46	65	9.46	56				GLOB	UNIF		WV	0	1
788	LOAD	Z	706	806	9.46	11	9.46	09				GLOB	UNIF		WV	0	1
789	LOAD	X	706	806	18.92	34	9.46	30				GLOB	UNIF		WV	0	1
790	LOAD	Y	706	806	18.92	56	9.46	49				GLOB	UNIF		WV	0	1
791	LOAD	Z	706	806	18.92	09	9.46	08				GLOB	UNIF		WV	0	1
792	LOAD	X	801	901	0.00	26	10.81	22				GLOB	UNIF		WV	0	1
793	LOAD	Y	801	901	0.00	50	10.81	43				GLOB	UNIF		WV	0	1
794	LOAD	X	801	901	10.81	22	10.81	20				GLOB	UNIF		WV	0	1
795	LOAD	Y	801	901	10.81	43	10.81	38				GLOB	UNIF		WV	0	1
796	LOAD	X	801	901	21.63	20	10.81	17				GLOB	UNIF		WV	0	1
797	LOAD	Y	801	901	21.63	38	10.81	33				GLOB	UNIF		WV	0	1
798	LOAD	X	803	903	0.00	26	10.81	22				GLOB	UNIF		WV	0	1
799	LOAD	Y	803	903	0.00	43	10.81	36				GLOB	UNIF		WV	0	1
800	LOAD	Z	803	903	0.00-	07	10.81-	06				GLOB	UNIF		WV	0	1
801	LOAD	X	803	903	10.81	22	10.81	18				GLOB	UNIF		WV	0	1
802	LOAD	Y	803	903	10.81	36	10.81	30				GLOB	UNIF		WV	0	1
803	LOAD	Z	803	903	10.81-	06	10.81-	05				GLOB	UNIF		WV	0	1
804	LOAD	X	803	903	21.63	18	10.81	15				GLOB	UNIF		WV	0	1
805	LOAD	Y	803	903	21.63	30	10.81	25				GLOB	UNIF		WV	0	1
806	LOAD	Z	803	903	21.63-	05	10.81-	04				GLOB	UNIF		WV	0	1
807	LOAD	X	806	906	0.00	30	10.81	26				GLOB	UNIF		WV	0	1
808	LOAD	Y	806	906	0.00	49	10.81	43				GLOB	UNIF		WV	0	1
809	LOAD	Z	806	906	0.00	08	10.81	07				GLOB	UNIF		WV	0	1
810	LOAD	X	806	906	10.81	26	10.81	23				GLOB	UNIF		WV	0	1
811	LOAD	Y	806	906	10.81	43	10.81	37				GLOB	UNIF		WV	0	1
812	LOAD	Z	806	906	10.81	07	10.81	06				GLOB	UNIF		WV	0	1
813	LOAD	X	806	906	21.63	23	10.81	20				GLOB	UNIF		WV	0	1
814	LOAD	Y	806	906	21.63	37	10.81	33				GLOB	UNIF		WV	0	1
815	LOAD	Z	806	906	21.63	06	10.81	06				GLOB	UNIF		WV	0	1
816	LOAD	X	9011001		0.00	17	10.81	16				GLOB	UNIF		WV	0	1
817	LOAD	Y	9011001		0.00	33	10.81	29				GLOB	UNIF		WV	0	1
818	LOAD	X	9011001		10.81	16	10.81	15				GLOB	UNIF		WV	0	1
819	LOAD	Y	9011001		10.81	29	10.81	26				GLOB	UNIF		WV	0	1
820	LOAD	X	9011001		21.63	15	10.81	13				GLOB	UNIF		WV	0	1
821	LOAD	Y	9011001		21.63	26	10.81	23				GLOB	UNIF		WV	0	1
822	LOAD	X	9031003		0.00	15	10.81	13				GLOB	UNIF		WV	0	1
823	LOAD	Y	9031003		0.00	25	10.81	21				GLOB	UNIF		WV	0	1
824	LOAD	Z	9031003		0.00-	04	10.81-	04				GLOB	UNIF		WV	0	1
825	LOAD	X	9031003		10.81	13	10.81	11				GLOB	UNIF		WV	0	1
826	LOAD	Y	9031003		10.81	21	10.81	18				GLOB	UNIF		WV	0	1
827	LOAD	Z	9031003		10.81-	04	10.81-	03				GLOB	UNIF		WV	0	1
828	LOAD	X	9031003		21.63	11	10.81	08				GLOB	UNIF		WV	0	1
829	LOAD	Y	9031003		21.63	18	10.81	14				GLOB	UNIF		WV	0	1
830	LOAD	Z	9031003		21.63-	03	10.81-	02				GLOB	UNIF		WV	0	1
831	LOAD	X	9061006		0.00	20	10.81	18				GLOB	UNIF		WV	0	1
832	LOAD	Y	9061006		0.00	35	10.81	31				GLOB	UNIF		WV	0	1
833	LOAD	Z	9061006		0.00	06	10.81	05				GLOB	UNIF		WV	0	1

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM 83 + 84 - MSL 105.0 FEET - OPERATIONAL STM

```
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
     834 LOAD X  9061006   10.81      18  10.81      17                GLOB UNIF      WV 0 1
     835 LOAD Y  9061006   10.81      31  10.81      28                GLOB UNIF      WV 0 1
     836 LOAD Z  9061006   10.81      05  10.81      05                GLOB UNIF      WV 0 1
     837 LOAD X  9061006   21.63      17  10.81      15                GLOB UNIF      WV 0 1
     838 LOAD Y  9061006   21.63      28  10.81      25                GLOB UNIF      WV 0 1
     839 LOAD Z  9061006   21.63      05  10.81      04                GLOB UNIF      WV 0 1
     840 LOADCN  2
     841 LOAD Y  510 710    7.59      46                               GLOB CONC      WN 0 2
     842 LOAD X  510 710                                 7.59- 36436 GLOB MOMT      WN 0 2
     843 LOAD Y  511 711    7.59      46                               GLOB CONC      WN 0 2
     844 LOAD X  511 711                                 7.59- 36436 GLOB MOMT      WN 0 2
     845 LOAD Y  512 712    7.59      46                               GLOB CONC      WN 0 2
     846 LOAD X  512 712                                 7.59- 36436 GLOB MOMT      WN 0 2
     847 LOAD Y  510 710    7.59      47                               GLOB CONC      WN 0 2
     848 LOAD X  510 710                                 7.59- 33705 GLOB MOMT      WN 0 2
     849 LOAD Y  511 711    7.59      47                               GLOB CONC      WN 0 2
     850 LOAD X  511 711                                 7.59- 33705 GLOB MOMT      WN 0 2
     851 LOAD Y  512 712    7.59      47                               GLOB CONC      WN 0 2
     852 LOAD X  512 712                                 7.59- 33705 GLOB MOMT      WN 0 2
     853 LOAD X  301 403   22.25       1   6.14       1                GLOB UNIF      WV 0 2
     854 LOAD Y  301 403   22.25      67   6.14      61                GLOB UNIF      WV 0 2
     855 LOAD Z  301 403   22.25-      1   6.14-      1                GLOB UNIF      WV 0 2
     856 LOAD X  301 403   28.39       1   6.14       1                GLOB UNIF      WV 0 2
     857 LOAD Y  301 403   28.39      61   6.14      57                GLOB UNIF      WV 0 2
     858 LOAD Z  301 403   28.39-      1   6.14-      1                GLOB UNIF      WV 0 2
     859 LOAD X  301 403   34.52       1   6.14       1                GLOB UNIF      WV 0 2
     860 LOAD Y  301 403   34.52      57   6.14      52                GLOB UNIF      WV 0 2
     861 LOAD Z  301 403   34.52-      1   6.14-      1                GLOB UNIF      WV 0 2
     862 LOAD Y  501 502    0.00      32  15.15      32                GLOB UNIF      WV 0 2
     863 LOAD Y  502 503    0.00      32  15.15      32                GLOB UNIF      WV 0 2
     864 LOAD X  503 505    0.00-     07  15.15-     07                GLOB UNIF      WV 0 2
     865 LOAD Y  503 505    0.00      04  15.15      04                GLOB UNIF      WV 0 2
     866 LOAD Z  505 505    0.00-     1   10.62                        GLOB UNIF      WV 0 2
     867 LOAD Z  503 505   10.62              4.33       1             GLOB UNIF      WV 0 2
     868 LOAD X  505 506    0.00-     07  15.15-     08                GLOB UNIF      WV 0 2
     869 LOAD Y  505 506    0.00      04  15.15      04                GLOB UNIF      WV 0 2
     870 LOAD Z  505 506    0.00      1   15.15      03                GLOB UNIF      WV 0 2
     871 LOAD X  501 504    0.00      07  15.15      07                GLOB UNIF      WV 0 2
     872 LOAD Y  501 504    0.00      04  15.15      04                GLOB UNIF      WV 0 2
     873 LOAD Z  501 504    0.00-     1   10.62                        GLOB UNIF      WV 0 2
     874 LOAD Z  501 504   10.62              4.33       1             GLOB UNIF      WV 0 2
     875 LOAD X  504 506    0.00      07  15.15      08                GLOB UNIF      WV 0 2
     876 LOAD Y  504 506    0.00      04  15.15      04                GLOB UNIF      WV 0 2
     877 LOAD Z  504 506    0.00      1   15.15      03                GLOB UNIF      WV 0 2
     878 LOAD X  502 504    0.00-     05  15.15-     05                GLOB UNIF      WV 0 2
     879 LOAD Y  502 504    0.00      03  15.15      03                GLOB UNIF      WV 0 2
     880 LOAD Z  502 5..    5.25              11.41      1             GLOB UNIF      WV 0 2
     881 LOAD X  502 505    0.00      05  15.15      05                GLOB UNIF      WV 0 2
     882 LOAD Y  502 505    0.00      03  15.15      03                GLOB UNIF      WV 0 2
```

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MnL 105.0 FEET - OPERATIONAL STM

LINE NO.															
883	LOAD	Z	502	505	5.25		11.91	1	GLOB	UNIF	WV	0	2		
884	LOAD	Y	504	505	0.00	21	15.16	21	GLOB	UNIF	WV	0	2		
885	LOAD	Z	504	505	0.00	03	15.16	03	GLOB	UNIF	WV	0	2		
886	LOAD	X	501	513	0.00	09	2.99	09	GLOB	UNIF	WV	0	2		
887	LOAD	Y	501	513	0.00	15	2.99	15	GLOB	UNIF	WV	0	2		
888	LOAD	X	503	514	0.00-	09	2.99-	09	GLOB	UNIF	WV	0	2		
889	LOAD	Y	503	514	0.00	15	2.99	15	GLOB	UNIF	WV	0	2		
890	LOAD	Y	513	651	0.00	81	0.00	73	GLOB	UNIF	WV	0	2		
891	LOAD	Y	513	651	0.00	73	0.00	66	GLOB	UNIF	WV	0	2		
892	LOAD	Y	513	651	12.00	66	0.00	60	GLOB	UNIF	WV	0	2		
893	LOAD	Y	514	653	0.00	81	0.00	73	GLOB	UNIF	WV	0	2		
894	LOAD	Y	514	653	0.00	73	0.00	66	GLOB	UNIF	WV	0	2		
895	LOAD	Y	514	653	12.00	66	0.00	60	GLOB	UNIF	WV	0	2		
896	LOAD	Z	601	611	0.00-	02	0.00-	02	GLOB	UNIF	WV	0	2		
897	LOAD	Z	603	613	0.00-	02	0.00-	02	GLOB	UNIF	WV	0	2		
898	LOAD	Z	651	661	0.00-	02	5.00-	02	GLOB	UNIF	WV	0	2		
899	LOAD	Z	653	663	0.00-	02	5.00-	02	GLOB	UNIF	WV	0	2		
900	LOAD	Y	611	612	0.00	22	16.01	22	GLOB	UNIF	WV	0	2		
901	LOAD	Z	611	612	0.00-	1	16.01-	1	GLOB	UNIF	WV	0	2		
902	LOAD	Y	612	613	0.00	22	16.01	22	GLOB	UNIF	WV	0	2		
903	LOAD	Z	612	613	0.00-	1	16.01-	1	GLOB	UNIF	WV	0	2		
904	LOAD	Y	661	662	0.00	39	17.74	39	GLOB	UNIF	WV	0	2		
905	LOAD	Z	661	662	0.00-	05	17.74-	05	GLOB	UNIF	WV	0	2		
906	LOAD	Y	662	663	0.00	39	17.74	39	GLOB	UNIF	WV	0	2		
907	LOAD	Z	662	663	0.00-	05	17.74-	05	GLOB	UNIF	WV	0	2		
908	LOAD	X	611	661	0.00-	1	0.06-	1	GLOB	UNIF	WV	0	2		
909	LOAD	Y	611	661	0.00	54	0.06	49	GLOB	UNIF	WV	0	2		
910	LOAD	X	611	661	0.06-	1	0.06-	1	GLOB	UNIF	WV	0	2		
911	LOAD	Y	611	661	0.06	49	0.06	44	GLOB	UNIF	WV	0	2		
912	LOAD	Y	612	662	0.00	38	0.00	35	GLOB	UNIF	WV	0	2		
913	LOAD	Y	612	662	0.00	33	0.00	29	GLOB	UNIF	WV	0	2		
914	LOAD	X	613	663	0.00	1	0.06	1	GLOB	UNIF	WV	0	2		
915	LOAD	Y	613	663	0.00	54	0.06	49	GLOB	UNIF	WV	0	2		
916	LOAD	X	613	663	0.06	1	0.06	1	GLOB	UNIF	WV	0	2		
917	LOAD	Y	613	663	0.06	49	0.06	44	GLOB	UNIF	WV	0	2		
918	LOAD	X	501	622	0.00-	1	10.21-	1	GLOB	UNIF	WV	0	2		
919	LOAD	Y	501	622	0.00	40	10.21	36	GLOB	UNIF	WV	0	2		
920	LOAD	Z	501	622	0.00-	02	10.21-	02	GLOB	UNIF	WV	0	2		
921	LOAD	X	501	622	10.21-	1	10.21-	1	GLOB	UNIF	WV	0	2		
922	LOAD	Y	501	622	10.21	36	10.21	32	GLOB	UNIF	WV	0	2		
923	LOAD	Z	501	622	10.21-	02	10.21-	02	GLOB	UNIF	WV	0	2		
924	LOAD	X	622	703	0.00		7.26	1	GLOB	UNIF	WV	0	2		
925	LOAD	Y	622	703	0.00	50	7.26	46	GLOB	UNIF	WV	0	2		
926	LOAD	Z	622	703	0.00-	05	7.26-	05	GLOB	UNIF	WV	0	2		
927	LOAD	X	622	703	7.26	1	7.26	1	GLOB	UNIF	WV	0	2		
928	LOAD	Y	622	703	7.26	46	7.26	43	GLOB	UNIF	WV	0	2		
929	LOAD	Z	622	703	7.26-	05	7.26-	04	GLOB	UNIF	WV	0	2		
930	LOAD	X	622	703	14.51	1	7.26	1	GLOB	UNIF	WV	0	2		
931	LOAD	Y	622	703	14.51	43	7.26	40	GLOB	UNIF	WV	0	2		

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
932	LOAD Z 622 703 14.51- 04 7.26- 04 GLOB UNIF WV 0 2
933	LOAD X 503 625 0.00- 08 10.13- 07 GLOB UNIF WV 0 2
934	LOAD Y 503 625 0.00 14 10.13 14 GLOB UNIF WV 0 2
935	LOAD Z 503 625 0.00 12 10.13 12 GLOB UNIF WV 0 2
936	LOAD X 503 625 10.13- 07 10.13- 06 GLOB UNIF WV 0 2
937	LOAD Y 503 625 10.13 14 10.13 13 GLOB UNIF WV 0 2
938	LOAD Z 503 625 10.13 12 10.13 12 GLOB UNIF WV 0 2
939	LOAD X 625 706 0.00- 11 10.96- 09 GLOB UNIF WV 0 2
940	LOAD Y 625 706 0.00 20 10.96 19 GLOB UNIF WV 0 2
941	LOAD Z 625 706 0.00 17 10.96 17 GLOB UNIF WV 0 2
942	LOAD X 625 706 10.96- 09 10.96- 08 GLOB UNIF WV 0 2
943	LOAD Y 625 706 10.96 19 10.96 17 GLOB UNIF WV 0 2
944	LOAD Z 625 706 10.96 17 10.96 16 GLOB UNIF WV 0 2
945	LOAD X 506 624 0.00 07 20.24 06 GLOB UNIF WV 0 2
946	LOAD Y 506 624 0.00 11 20.24 11 GLOB UNIF WV 0 2
947	LOAD Z 506 624 0.00- 07 20.24- 08 GLOB UNIF WV 0 2
948	LOAD X 624 701 0.00 09 21.94 07 GLOB UNIF WV 0 2
949	LOAD Y 624 701 0.00 19 21.94 18 GLOB UNIF WV 0 2
950	LOAD Z 624 701 0.00- 15 21.94- 15 GLOB UNIF WV 0 2
951	LOAD Y 701 702 0.00 26 18.76 26 GLOB UNIF WV 0 2
952	LOAD Z 701 702 0.00- 02 18.76- 02 GLOB UNIF WV 0 2
953	LOAD Y 702 703 0.00 26 18.76 26 GLOB UNIF WV 0 2
954	LOAD Z 702 703 0.00- 02 18.76- 02 GLOB UNIF WV 0 2
955	LOAD X 703 705 0.00- 06 18.75- 06 GLOB UNIF WV 0 2
956	LOAD Y 703 705 0.00 05 18.75 04 GLOB UNIF WV 0 2
957	LOAD Z 703 705 0.00- 02 18.75- 1 GLOB UNIF WV 0 2
958	LOAD X 705 706 0.00- 06 18.76- 06 GLOB UNIF WV 0 2
959	LOAD Y 705 706 0.00 04 18.76 04 GLOB UNIF WV 0 2
960	LOAD Z 705 706 0.00- 1 6.57 GLOB UNIF WV 0 2
961	LOAD Z 705 706 6.57 12.20 1 GLOB UNIF WV 0 2
962	LOAD X 701 704 0.00 06 18.75 06 GLOB UNIF WV 0 2
963	LOAD Y 701 704 0.00 03 18.75 04 GLOB UNIF WV 0 2
964	LOAD Z 701 704 0.00- 02 18.75- 1 GLOB UNIF WV 0 2
965	LOAD X 704 706 0.00 06 18.76 06 GLOB UNIF WV 0 2
966	LOAD Y 704 706 0.00 04 18.76 04 GLOB UNIF WV 0 2
967	LOAD Z 704 706 0.00- 1 6.57 GLOB UNIF WV 0 2
968	LOAD Z 704 706 6.57 12.20 1 GLOB UNIF WV 0 2
969	LOAD X 702 704 0.00- 05 18.75- 05 GLOB UNIF WV 0 2
970	LOAD Y 702 704 0.00 03 18.75 03 GLOB UNIF WV 0 2
971	LOAD Z 702 704 0.00- 02 18.75 GLOB UNIF WV 0 2
972	LOAD X 702 705 0.00 05 18.75 05 GLOB UNIF WV 0 2
973	LOAD Y 702 705 0.00 03 18.75 03 GLOB UNIF WV 0 2
974	LOAD Z 702 705 0.00- 02 18.75 GLOB UNIF WV 0 2
975	LOAD Y 704 705 0.00 22 18.76 22 GLOB UNIF WV 0 2
976	LOAD Z 704 705 0.00 02 18.76 02 GLOB UNIF WV 0 2
977	LOAD X 701 806 0.00 09 10.72 08 GLOB UNIF WV 0 2
978	LOAD Y 701 806 0.00 11 10.72 11 GLOB UNIF WV 0 2
979	LOAD Z 701 806 0.00 08 10.72 09 GLOB UNIF WV 0 2
980	LOAD X 701 806 10.72 08 10.72 08 GLOB UNIF WV 0 2

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8														
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
981	LOAD Y	701	806	16.72	11	16.72	10			GLOB	UNIF		WV	0	2
982	LOAD Z	701	806	16.72	09	16.72	09			GLOB	UNIF		WV	0	2
983	LOAD X	701	806	33.44	06	16.72	05			GLOB	UNIF		WV	0	2
984	LOAD Y	701	806	33.44	10	16.72	09			GLOB	UNIF		WV	0	2
985	LOAD Z	701	806	33.44	09	16.72	09			GLOB	UNIF		WV	0	2
986	LOAD X	703	801	0.00-	1	16.72-	1			GLOB	UNIF		WV	0	2
987	LOAD Y	703	801	0.00	40	16.72	33			GLOB	UNIF		WV	0	2
988	LOAD Z	703	801	0.00-	04	16.72-	04			GLOB	UNIF		WV	0	2
989	LOAD X	703	801	16.72-	1	16.72-	1			GLOB	UNIF		WV	0	2
990	LOAD Y	703	801	16.72	33	16.72	28			GLOB	UNIF		WV	0	2
991	LOAD Z	703	801	16.72-	04	16.72-	04			GLOB	UNIF		WV	0	2
992	LOAD X	703	801	33.44-	1	16.72-	1			GLOB	UNIF		WV	0	2
993	LOAD Y	703	801	33.44	28	16.72	24			GLOB	UNIF		WV	0	2
994	LOAD Z	703	801	33.44-	04	16.72-	03			GLOB	UNIF		WV	0	2
995	LOAD X	706	803	0.00-	07	25.08-	06			GLOB	UNIF		WV	0	2
996	LOAD Y	706	803	0.00	12	25.08	12			GLOB	UNIF		WV	0	2
997	LOAD Z	706	803	0.00-	09	25.08-	10			GLOB	UNIF		WV	0	2
998	LOAD X	706	803	25.08-	06	25.08-	04			GLOB	UNIF		WV	0	2
999	LOAD Y	706	803	25.08	12	25.08	10			GLOB	UNIF		WV	0	2
1000	LOAD Z	706	803	25.08-	10	25.08-	09			GLOB	UNIF		WV	0	2
1001	LOAD Y	801	802	0.00	18	22.79	18			GLOB	UNIF		WV	0	2
1002	LOAD Z	801	802	0.00-	02	22.79-	02			GLOB	UNIF		WV	0	2
1003	LOAD Y	802	803	0.00	18	22.79	18			GLOB	UNIF		WV	0	2
1004	LOAD Z	802	803	0.00-	02	22.79-	02			GLOB	UNIF		WV	0	2
1005	LOAD X	803	805	0.00-	04	22.79-	04			GLOB	UNIF		WV	0	2
1006	LOAD Y	803	805	0.00	02	22.79	02			GLOB	UNIF		WV	0	2
1007	LOAD Z	803	805	0.00-	02	22.79-	1			GLOB	UNIF		WV	0	2
1008	LOAD X	805	806	0.00-	04	22.80-	04			GLOB	UNIF		WV	0	2
1009	LOAD Y	805	806	0.00	02	22.80	02			GLOB	UNIF		WV	0	2
1010	LOAD Z	805	806	0.00-	1	17.53				GLOB	UNIF		WV	0	2
1011	LOAD X	801	804	0.00	04	22.79	04			GLOB	UNIF		WV	0	2
1012	LOAD Y	801	804	0.00	02	22.79	02			GLOB	UNIF		WV	0	2
1013	LOAD Z	801	804	0.00-	02	22.79-	1			GLOB	UNIF		WV	0	2
1014	LOAD X	804	806	0.00	04	22.80	04			GLOB	UNIF		WV	0	2
1015	LOAD Y	804	806	0.00	02	22.80	02			GLOB	UNIF		WV	0	2
1016	LOAD Z	804	806	0.00-	1	17.53				GLOB	UNIF		WV	0	2
1017	LOAD X	802	804	0.00-	03	22.80-	03			GLOB	UNIF		WV	0	2
1018	LOAD Y	802	804	0.00	02	22.80	02			GLOB	UNIF		WV	0	2
1019	LOAD Z	802	804	0.00-	1	22.80				GLOB	UNIF		WV	0	2
1020	LOAD X	802	805	0.00	03	22.80	03			GLOB	UNIF		WV	0	2
1021	LOAD Y	802	805	0.00	02	22.80	02			GLOB	UNIF		WV	0	2
1022	LOAD Z	802	805	0.00-	1	22.80				GLOB	UNIF		WV	0	2
1023	LOAD Y	804	805	0.00	14	22.80	14			GLOB	UNIF		WV	0	2
1024	LOAD Z	804	805	0.00	1	22.80	1			GLOB	UNIF		WV	0	2
1025	LOAD X	801	903	0.00	1	19.87	1			GLOB	UNIF		WV	0	2
1026	LOAD Y	801	903	0.00	24	19.87	21			GLOB	UNIF		WV	0	2
1027	LOAD Z	801	903	0.00-	03	19.87-	03			GLOB	UNIF		WV	0	2
1028	LOAD X	801	903	19.87	1	19.87				GLOB	UNIF		WV	0	2
1029	LOAD Y	801	903	19.87	21	19.87	16			GLOB	UNIF		WV	0	2

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1050	LOAD Z	801 903	19.87-	03	19.87-	02					GLOB UNIF		WV 0 2		
1051	LOAD Y	801 903	39.73	16	19.87	16					GLOB UNIF		WV 0 2		
1052	LOAD Z	801 903	39.73-	02	19.87-	02					GLOB UNIF		WV 0 2		
1053	LOAD X	803 906	0.00-	06	19.87-	05					GLOB UNIF		WV 0 2		
1054	LOAD Y	803 906	0.00	06	19.87	06					GLOB UNIF		WV 0 2		
1055	LOAD Z	803 906	0.00	04	19.87	05					GLOB UNIF		WV 0 2		
1056	LOAD X	803 906	19.87-	05	19.87-	04					GLOB UNIF		WV 0 2		
1057	LOAD Y	803 906	19.87	06	19.87	06					GLOB UNIF		WV 0 2		
1058	LOAD Z	803 906	19.87	05	19.87	05					GLOB UNIF		WV 0 2		
1059	LOAD X	803 906	39.73-	04	19.87-	03					GLOB UNIF		WV 0 2		
1060	LOAD Y	803 906	39.73	06	19.87	05					GLOB UNIF		WV 0 2		
1061	LOAD Z	803 906	39.73	05	19.87	05					GLOB UNIF		WV 0 2		
1062	LOAD X	806 901	0.00	05	29.80	04					GLOB UNIF		WV 0 2		
1063	LOAD Y	806 901	0.00	06	29.80	07					GLOB UNIF		WV 0 2		
1064	LOAD Z	806 901	0.00-	06	29.80-	06					GLOB UNIF		WV 0 2		
1065	LOAD X	806 901	29.80	04	29.80	03					GLOB UNIF		WV 0 2		
1066	LOAD Y	806 901	29.80	07	29.80	06					GLOB UNIF		WV 0 2		
1067	LOAD Z	806 901	29.80-	06	29.80-	06					GLOB UNIF		WV 0 2		
1068	LOAD Y	901 902	0.00	13	27.42	13					GLOB UNIF		WV 0 2		
1069	LOAD Z	901 902	0.00-	1	27.42-	1					GLOB UNIF		WV 0 2		
1070	LOAD Y	902 903	0.00	13	27.42	13					GLOB UNIF		WV 0 2		
1071	LOAD Z	902 903	0.00-	1	27.42-	1					GLOB UNIF		WV 0 2		
1072	LOAD X	903 905	0.00-	03	27.41-	03					GLOB UNIF		WV 0 2		
1073	LOAD Y	903 905	0.00	02	27.41	02					GLOB UNIF		WV 0 2		
1074	LOAD Z	903 905	0.00-	1	27.41-	1					GLOB UNIF		WV 0 2		
1075	LOAD X	905 906	0.00-	03	27.42-	03					GLOB UNIF		WV 0 2		
1076	LOAD Y	905 906	0.00	02	27.42	02					GLOB UNIF		WV 0 2		
1077	LOAD Z	905 906	0.00-	1	27.42						GLOB UNIF		WV 0 2		
1078	LOAD X	901 904	0.00	03	27.41	03					GLOB UNIF		WV 0 2		
1079	LOAD Y	901 904	0.00	02	27.41	02					GLOB UNIF		WV 0 2		
1080	LOAD Z	901 904	0.00-	1	27.41-	1					GLOB UNIF		WV 0 2		
1081	LOAD X	904 906	0.00	03	27.42	03					GLOB UNIF		WV 0 2		
1082	LOAD Y	904 906	0.00	02	27.42	02					GLOB UNIF		WV 0 2		
1083	LOAD Z	904 906	0.00-	1	27.42						GLOB UNIF		WV 0 2		
1084	LOAD X	902 904	0.00-	02	27.41-	02					GLOB UNIF		WV 0 2		
1085	LOAD Y	902 904	0.00	1	27.41	1					GLOB UNIF		WV 0 2		
1086	LOAD Z	902 904	0.00-	1	27.41						GLOB UNIF		WV 0 2		
1087	LOAD X	902 905	0.00	02	27.41	02					GLOB UNIF		WV 0 2		
1088	LOAD Y	902 905	0.00	1	27.41	1					GLOB UNIF		WV 0 2		
1089	LOAD Z	902 905	0.00-	1	27.41						GLOB UNIF		WV 0 2		
1070	LOAD Y	904 905	0.00	04	27.42	04					GLOB UNIF		WV-0 2		
1071	LOAD Y	9011002	0.00	14	14.08	13					GLOB UNIF		WV 0 2		
1072	LOAD Z	9011002	0.00-	1	14.08-	1					GLOB UNIF		WV 0 2		
1073	LOAD Y	9011002	14.08	13	14.08	11					GLOB UNIF		WV 0 2		
1074	LOAD Z	9011002	14.08-	1	14.08-	1					GLOB UNIF		WV 0 2		
1075	LOAD Y	9011002	28.15	11	14.08	10					GLOB UNIF		WV 0 2		
1076	LOAD Z	9011002	28.15-	1	14.08						GLOB UNIF		WV 0 2		
1077	LOAD Y	9031002	0.00	14	14.08	13					GLOB UNIF		WV 0 2		
1078	LOAD Z	9031002	0.00-	1	14.08-	1					GLOB UNIF		WV 0 2		

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MML 105.0 FEET - OPERATIONAL STN

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1079	LOAD Y	9031002	14.08	13	14.08	11					GLOB	UNIF	WV	0	2
1080	LOAD Z	9031002	14.08-	1	14.08-	1					GLOB	UNIF	WV	0	2
1081	LOAD Y	9031002	28.15	11	14.08	10					GLOB	UNIF	WV	0	2
1082	LOAD Z	9031002	28.15-	1	14.08						GLOB	UNIF	WV	0	2
1083	LOAD X	9031005	0.00-	02	14.08-	02					GLOB	UNIF	WV	0	2
1084	LOAD Y	9031005	0.00	07	14.08	07					GLOB	UNIF	WV	0	2
1085	LOAD Z	9031005	0.00	04	14.08	04					GLOB	UNIF	WV	0	2
1086	LOAD X	9031005	14.08-	02	14.08-	02					GLOB	UNIF	WV	0	2
1087	LOAD Y	9031005	14.08	07	14.08	06					GLOB	UNIF	WV	0	2
1088	LOAD Z	9031005	14.08	04	14.08	04					GLOB	UNIF	WV	0	2
1089	LOAD X	9031005	28.15-	02	14.08-	1					GLOB	UNIF	WV	0	2
1090	LOAD Y	9031005	28.15	06	14.08	05					GLOB	UNIF	WV	0	2
1091	LOAD Z	9031005	28.15	04	14.08	04					GLOB	UNIF	WV	0	2
1092	LOAD X	9061005	0.00-	02	21.11-	02					GLOB	UNIF	WV	0	2
1093	LOAD Y	9061005	0.00	08	21.11	07					GLOB	UNIF	WV	0	2
1094	LOAD Z	9061005	0.00-	04	21.11-	04					GLOB	UNIF	WV	0	2
1095	LOAD X	9061005	21.11-	02	21.11-	02					GLOB	UNIF	WV	0	2
1096	LOAD Y	9061005	21.11	07	21.11	06					GLOB	UNIF	WV	0	2
1097	LOAD Z	9061005	21.11-	04	21.11-	04					GLOB	UNIF	WV	0	2
1098	LOAD X	9011004	0.00	02	14.08	02					GLOB	UNIF	WV	0	2
1099	LOAD Y	9011004	0.00	07	14.08	07					GLOB	UNIF	WV	0	2
1100	LOAD Z	9011004	0.00	04	14.08	04					GLOB	UNIF	WV	0	2
1101	LOAD X	9011004	14.08	02	14.08	02					GLOB	UNIF	WV	0	2
1102	LOAD Y	9011004	14.08	07	14.08	06					GLOB	UNIF	WV	0	2
1103	LOAD Z	9011004	14.08	04	14.08	04					GLOB	UNIF	WV	0	2
1104	LOAD X	9011004	28.15	02	14.08	1					GLOB	UNIF	WV	0	2
1105	LOAD Y	9011004	28.15	06	14.08	05					GLOB	UNIF	WV	0	2
1106	LOAD Z	9011004	28.15	04	14.08	04					GLOB	UNIF	WV	0	2
1107	LOAD X	9061004	0.00	02	21.11	02					GLOB	UNIF	WV	0	2
1108	LOAD Y	9061004	0.00	08	21.11	07					GLOB	UNIF	WV	0	2
1109	LOAD Z	9061004	0.00-	04	21.11-	04					GLOB	UNIF	WV	0	2
1110	LOAD X	9061004	21.11	02	21.11	02					GLOB	UNIF	WV	0	2
1111	LOAD Y	9061004	21.11	07	21.11	06					GLOB	UNIF	WV	0	2
1112	LOAD Z	9061004	21.11-	04	21.11-	04					GLOB	UNIF	WV	0	2
1113	LOAD Y	10011002	0.00	11	32.04	11					GLOB	UNIF	WV	0	2
1114	LOAD Y	10021003	0.00	11	32.04	11					GLOB	UNIF	WV	0	2
1115	LOAD X	10031005	0.00-	02	16.02-	03					GLOB	UNIF	WV	0	2
1116	LOAD Y	10031005	0.00	1	16.02	1					GLOB	UNIF	WV	0	2
1117	LOAD X	10031005	16.02-	03	16.02-	03					GLOB	UNIF	WV	0	2
1118	LOAD Y	10031005	16.02	1	16.02	02					GLOB	UNIF	WV	0	2
1119	LOAD X	10051006	0.00-	03	32.04-	03					GLOB	UNIF	WV	0	2
1120	LOAD Y	10051006	0.00	02	32.04	02					GLOB	UNIF	WV	0	2
1121	LOAD X	10011004	0.00	02	16.02	03					GLOB	UNIF	WV	0	2
1122	LOAD Y	10011004	0.00	1	16.02	1					GLOB	UNIF	WV	0	2
1123	LOAD X	10011004	16.02	03	16.02	03					GLOB	UNIF	WV	0	2
1124	LOAD Y	10011004	16.02	1	16.02	02					GLOB	UNIF	WV	0	2
1125	LOAD X	10041006	0.00	03	32.04	03					GLOB	UNIF	WV	0	2
1126	LOAD Y	10041006	0.00	02	32.04	02					GLOB	UNIF	WV	0	2
1127	LOAD X	10021004	0.00-	02	16.02-	02					GLOB	UNIF	WV	0	2

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STN

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1128	LOAD Y 10021004		0.00		1	16.02		1				GLOB UNIF		WV 0 2	
1129	LOAD X 10021004		16.02-		02	16.02-		02				GLOB UNIF		WV 0 2	
1130	LOAD Y 10021004		16.02		1	16.02		1				GLOB UNIF		WV 0 2	
1131	LOAD X 10021005		0.00		02	16.02		02				GLOB UNIF		WV 0 2	
1132	LOAD Y 10021005		0.00		1	16.02		1				GLOB UNIF		WV 0 2	
1133	LOAD X 10021005		16.02		02	16.02		02				GLOB UNIF		WV 0 2	
1134	LOAD Y 10021005		16.02		1	16.02		1				GLOB UNIF		WV 0 2	
1135	LOAD Y 10041005		0.00		08	32.04		08				GLOB UNIF		WV 0 2	
1136	LOAD Y 301 401		15.59		84	4.30		77				GLOB UNIF		WV 0 2	
1137	LOAD Y 301 401		19.90		77	4.30		71				GLOB UNIF		WV 0 2	
1138	LOAD Y 301 401		24.20		71	4.30		66				GLOB UNIF		WV 0 2	
1139	LOAD Y 303 403		15.59		84	4.30		77				GLOB UNIF		WV 0 2	
1140	LOAD Y 303 403		19.90		77	4.30		71				GLOB UNIF		WV 0 2	
1141	LOAD Y 303 403		24.20		71	4.30		66				GLOB UNIF		WV 0 2	
1142	LOAD Y 306 406		15.80		71	4.85		65				GLOB UNIF		WV 0 2	
1143	LOAD Y 306 406		23.65		65	4.85		60				GLOB UNIF		WV 0 2	
1144	LOAD X 401 501		0.00-		1	4.56-		1				GLOB UNIF		WV 0 2	
1145	LOAD Y 401 501		0.00		106	4.56		98				GLOB UNIF		WV 0 2	
1146	LOAD Z 401 501		0.00-		09	4.56-		08				GLOB UNIF		WV 0 2	
1147	LOAD X 403 503		0.00		1	4.56		1				GLOB UNIF		WV 0 2	
1148	LOAD Y 403 503		0.00		106	4.56		98				GLOB UNIF		WV 0 2	
1149	LOAD Z 403 503		0.00-		09	4.56-		08				GLOB UNIF		WV 0 2	
1150	LOAD Y 406 506		0.00		103	4.56		95				GLOB UNIF		WV 0 2	
1151	LOAD Z 406 506		0.00		17	4.56		16				GLOB UNIF		WV 0 2	
1152	LOAD X 501 601		0.00-		1	6.08-		1				GLOB UNIF		WV 0 2	
1153	LOAD Y 501 601		0.00		97	6.08		88				GLOB UNIF		WV 0 2	
1154	LOAD Z 501 601		0.00-		08	6.08-		07				GLOB UNIF		WV 0 2	
1155	LOAD X 503 603		0.00		1	6.08		1				GLOB UNIF		WV 0 2	
1156	LOAD Y 503 603		0.00		97	6.08		88				GLOB UNIF		WV 0 2	
1157	LOAD Z 503 603		0.00-		08	6.08-		07				GLOB UNIF		WV 0 2	
1158	LOAD Y 506 606		0.00		94	6.08		85				GLOB UNIF		WV 0 2	
1159	LOAD Z 506 606		0.00		16	6.08		14				GLOB UNIF		WV 0 2	
1160	LOAD X 601 621		0.00-		1	6.08-		1				GLOB UNIF		WV 0 2	
1161	LOAD Y 601 621		0.00		86	6.08		79				GLOB UNIF		WV 0 2	
1162	LOAD Z 601 621		0.00-		07	6.08-		07				GLOB UNIF		WV 0 2	
1163	LOAD X 603 623		0.00		1	6.08		1				GLOB UNIF		WV 0 2	
1164	LOAD Y 603 623		0.00		86	6.08		79				GLOB UNIF		WV 0 2	
1165	LOAD Z 603 623		0.00-		07	6.08-		07				GLOB UNIF		WV 0 2	
1166	LOAD Y 606 626		0.00		85	6.08		77				GLOB UNIF		WV 0 2	
1167	LOAD Z 606 626		0.00		14	6.08		13				GLOB UNIF		WV 0 2	
1168	LOAD X 621 651		0.00-		04	6.08-		04				GLOB UNIF		WV 0 2	
1169	LOAD Y 621 651		0.00		118	6.08		106				GLOB UNIF		WV 0 2	
1170	LOAD Z 621 651		0.00-		10	6.08-		09				GLOB UNIF		WV 0 2	
1171	LOAD X 623 653		0.00		04	6.08		04				GLOB UNIF		WV 0 2	
1172	LOAD Y 623 653		0.00		118	6.08		106				GLOB UNIF		WV 0 2	
1173	LOAD Z 623 653		0.00-		10	6.08-		09				GLOB UNIF		WV 0 2	
1174	LOAD Y 626 656		0.00		117	6.08		106				GLOB UNIF		WV 0 2	
1175	LOAD Z 626 656		0.00		19	6.08		16				GLOB UNIF		WV 0 2	
1176	LOAD X 651 701		0.00-		04	3.55-		04				GLOB UNIF		WV 0 2	

U.S. NAVY - ACHR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STR

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1177	LOAD Y 651 701	0.00	106	3.55	100					GLOB UNIF		WV	0	2	
1178	LOAD Z 651 701	0.00-	09	3.55-	09					GLOB UNIF		WV	0	2	
1179	LOAD X 651 701	3.55-	04	3.55-	03					GLOB UNIF		WV	0	2	
1180	LOAD Y 651 701	3.55	100	3.55	94					GLOB UNIF		WV	0	2	
1181	LOAD Z 651 701	3.55-	09	3.55-	08					GLOB UNIF		WV	0	2	
1182	LOAD X 653 703	0.00	04	3.55	04					GLOB UNIF		WV	0	2	
1183	LOAD Y 653 703	0.00	106	3.55	100					GLOB UNIF		WV	0	2	
1184	LOAD Z 653 703	0.00-	09	3.55-	09					GLOB UNIF		WV	0	2	
1185	LOAD X 653 703	3.55	04	3.55	03					GLOB UNIF		WV	0	2	
1186	LOAD Y 653 703	3.55	100	3.55	94					GLOB UNIF		WV	0	2	
1187	LOAD Z 653 703	3.55-	09	3.55-	08					GLOB UNIF		WV	0	2	
1188	LOAD Y 656 706	0.00	106	3.55	99					GLOB UNIF		WV	0	2	
1189	LOAD Z 656 706	0.00	18	3.55	17					GLOB UNIF		WV	0	2	
1190	LOAD Y 656 706	3.55	99	3.55	94					GLOB UNIF		WV	0	2	
1191	LOAD Z 656 706	3.55	17	3.55	16					GLOB UNIF		WV	0	2	
1192	LOAD X 701 801	0.00-	03	9.46-	03					GLOB UNIF		WV	0	2	
1193	LOAD Y 701 801	0.00	89	9.46	75					GLOB UNIF		WV	0	2	
1194	LOAD Z 701 801	0.00-	08	9.46-	07					GLOB UNIF		WV	0	2	
1195	LOAD X 701 801	9.46-	03	9.46-	02					GLOB UNIF		WV	0	2	
1196	LOAD Y 701 801	9.46	75	9.46	64					GLOB UNIF		WV	0	2	
1197	LOAD Z 701 801	9.46-	07	9.46-	06					GLOB UNIF		WV	0	2	
1198	LOAD X 701 801	18.92-	02	9.46-	02					GLOB UNIF		WV	0	2	
1199	LOAD Y 701 801	18.92	64	9.46	55					GLOB UNIF		WV	0	2	
1200	LOAD Z 701 801	18.92-	06	9.46-	05					GLOB UNIF		WV	0	2	
1201	LOAD X 703 803	0.00	03	9.46	03					GLOB UNIF		WV	0	2	
1202	LOAD Y 703 803	0.00	89	9.46	75					GLOB UNIF		WV	0	2	
1203	LOAD Z 703 803	0.00-	08	9.46-	07					GLOB UNIF		WV	0	2	
1204	LOAD X 703 803	9.46	03	9.46	02					GLOB UNIF		WV	0	2	
1205	LOAD Y 703 803	9.46	75	9.46	64					GLOB UNIF		WV	0	2	
1206	LOAD Z 703 803	9.46-	07	9.46-	06					GLOB UNIF		WV	0	2	
1207	LOAD X 703 803	18.92	02	9.46	02					GLOB UNIF		WV	0	2	
1208	LOAD Y 703 803	18.92	64	9.46	55					GLOB UNIF		WV	0	2	
1209	LOAD Z 703 803	18.92-	06	9.46-	05					GLOB UNIF		WV	0	2	
1210	LOAD Y 706 806	0.00	89	9.46	76					GLOB UNIF		WV	0	2	
1211	LOAD Z 706 806	0.00	15	9.46	13					GLOB UNIF		WV	0	2	
1212	LOAD Y 706 806	9.46	76	9.46	66					GLOB UNIF		WV	0	2	
1213	LOAD Z 706 806	9.46	13	9.46	11					GLOB UNIF		WV	0	2	
1214	LOAD Y 706 806	18.92	66	9.46	57					GLOB UNIF		WV	0	2	
1215	LOAD Z 706 806	18.92	11	9.46	09					GLOB UNIF		WV	0	2	
1216	LOAD X 801 901	0.00-	02	10.61-	02					GLOB UNIF		WV	0	2	
1217	LOAD Y 801 901	0.00	55	10.61	47					GLOB UNIF		WV	0	2	
1218	LOAD Z 801 901	0.00-	05	10.61-	04					GLOB UNIF		WV	0	2	
1219	LOAD X 801 901	10.61-	02	10.61-	1					GLOB UNIF		WV	0	2	
1220	LOAD Y 801 901	10.61	47	10.61	40					GLOB UNIF		WV	0	2	
1221	LOAD Z 801 901	10.61-	04	10.61-	03					GLOB UNIF		WV	0	2	
1222	LOAD X 801 901	21.23-	1	10.61-	1					GLOB UNIF		WV	0	2	
1223	LOAD Y 801 901	21.23	40	10.61	35					GLOB UNIF		WV	0	2	
1224	LOAD Z 801 901	21.23-	03	10.61-	03					GLOB UNIF		WV	0	2	
1225	LOAD X 803 903	0.00	02	10.61	02					GLOB UNIF		WV	0	2	

U.S. NAVY - ACMR PLATFORMS - PLATFORM 83 + 84 - MWL 105.0 FEET - OPERATIONAL STM

```
                    1    1    2    2    3    3    4    4    5    5    6    6    7    7    8
LINE NO. 1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1226 LOAD Y  803 903     0.00      55  10.81      47                   GLOB UNIF    MV 0 2
    1227 LOAD Z  803 903     0.00-     05  10.81-     04                   GLOB UNIF    MV 0 2
    1228 LOAD X  803 903    10.81      02  10.81       1                   GLOB UNIF    MV 0 2
    1229 LOAD Y  803 903    10.81      47  10.81      40                   GLOB UNIF    MV 0 2
    1230 LOAD Z  803 903    10.81-     04  10.81-     03                   GLOB UNIF    MV 0 2
    1231 LOAD X  803 903    21.63       1  10.81       1                   GLOB UNIF    MV 0 2
    1232 LOAD Y  803 903    21.63      40  10.81      35                   GLOB UNIF    MV 0 2
    1233 LOAD Z  803 903    21.63-     03  10.81-     03                   GLOB UNIF    MV 0 2
    1234 LOAD Y  806 906     0.00      57  10.81      50                   GLOB UNIF    MV 0 2
    1235 LOAD Z  806 906     0.00      09  10.81      08                   GLOB UNIF    MV 0 2
    1236 LOAD Y  806 906    10.81      50  10.81      43                   GLOB UNIF    MV 0 2
    1237 LOAD Z  806 906    10.81      08  10.81      07                   GLOB UNIF    MV 0 2
    1238 LOAD Y  806 906    21.63      43  10.81      39                   GLOB UNIF    MV 0 2
    1239 LOAD Z  806 906    21.63      07  10.81      06                   GLOB UNIF    MV 0 2
    1240 LOAD X 9011001     0.00-      1  10.81                           GLOB UNIF    MV 0 2
    1241 LOAD Y 9011001     0.00      35  10.81      31                   GLOB UNIF    MV 0 2
    1242 LOAD Z 9011001     0.00-     03  10.81-     03                   GLOB UNIF    MV 0 2
    1243 LOAD Y 9011001    10.81      31  10.81      27                   GLOB UNIF    MV 0 2
    1244 LOAD Z 9011001    10.81-     03  10.81-     02                   GLOB UNIF    MV 0 2
    1245 LOAD Y 9011001    21.63      27  10.81      23                   GLOB UNIF    MV 0 2
    1246 LOAD Z 9011001    21.63-     02  10.81-     02                   GLOB UNIF    MV 0 2
    1247 LOAD X 9031003     0.00       1  10.81                           GLOB UNIF    MV 0 2
    1248 LOAD Y 9031003     0.00      35  10.81      31                   GLOB UNIF    MV 0 2
    1249 LOAD Z 9031003     0.00-     03  10.81-     03                   GLOB UNIF    MV 0 2
    1250 LOAD Y 9031003    10.81      31  10.81      27                   GLOB UNIF    MV 0 2
    1251 LOAD Z 9031003    10.81-     03  10.81-     02                   GLOB UNIF    MV 0 2
    1252 LOAD Y 9031003    21.63      27  10.81      23                   GLOB UNIF    MV 0 2
    1253 LOAD Z 9031003    21.63-     02  10.81-     02                   GLOB UNIF    MV 0 2
    1254 LOAD Y 9061006     0.00      39  10.81      35                   GLOB UNIF    MV 0 2
    1255 LOAD Z 9061006     0.00      06  10.81      06                   GLOB UNIF    MV 0 2
    1256 LOAD Y 9061006    10.81      35  10.81      33                   GLOB UNIF    MV 0 2
    1257 LOAD Z 9061006    10.81      06  10.81      05                   GLOB UNIF    MV 0 2
    1258 LOAD Y 9061006    21.63      33  10.81      29                   GLOB UNIF    MV 0 2
    1259 LOAD Z 9061006    21.63      05  10.81      05                   GLOB UNIF    MV 0 2
    1260 LOADCN  $
    1261 LOAD X  510 710     7.59-     23                                  GLOB CONC    MN 0 3
    1262 LOAD Y  510 710                                 7.59- 18218      GLOB MOMT    MN 0 3
    1263 LOAD Y  510 710     7.59-     40                                  GLOB CONC    MN 0 3
    1264 LOAD X  510 710                                 7.59  31555      GLOB MOMT    MN 0 3
    1265 LOAD X  511 711     7.59-     23                                  GLOB CONC    MN 0 3
    1266 LOAD Y  511 711                                 7.59- 18218      GLOB MOMT    MN 0 3
    1267 LOAD Y  511 711     7.59-     40                                  GLOB CONC    MN 0 3
    1268 LOAD X  511 711                                 7.59  31555      GLOB MOMT    MN 0 3
    1269 LOAD X  512 712     7.59-     23                                  GLOB CONC    MN 0 3
    1270 LOAD Y  512 712                                 7.59- 18218      GLOB MOMT    MN 0 3
    1271 LOAD Y  512 712     7.59-     40                                  GLOB CONC    MN 0 3
    1272 LOAD X  512 712                                 7.59  31555      GLOB MOMT    MN 0 3
    1273 LOAD X  513 713     7.59-     24                                  GLOB CONC    MN 0 3
    1274 LOAD Y  513 713                                 7.59- 18892      GLOB MOMT    MN 0 3
```

STRAN INPUT DATA

U.S. NAVY - ACHN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1275	LOAD Y	510 710	7.59-	41							GLOB	CONC	WN	0	3
1276	LOAD X	510 710							7.59	29258	GLOB	MOMT	WN	0	3
1277	LOAD X	511 711	7.59-	24							GLOB	CONC	WN	0	3
1278	LOAD Y	511 711							7.59-	16892	GLOB	MOMT	WN	0	3
1279	LOAD Y	511 711	7.59-	41							GLOB	CONC	WN	0	3
1280	LOAD X	511 711							7.59	29258	GLOB	MOMT	WN	0	3
1281	LOAD X	512 712	7.59-	24							GLOB	CONC	WN	0	3
1282	LOAD Y	512 712							7.59-	16892	GLOB	MOMT	WN	0	3
1283	LOAD Y	512 712	7.59-	41							GLOB	CONC	WN	0	3
1284	LOAD X	512 712							7.59	29258	GLOB	MOMT	WN	0	3
1285	LOAD X	301 403	24.07-	18	5.53-	17					GLOB	UNIF	WV	0	3
1286	LOAD Y	301 403	24.07-	55	5.53-	51					GLOB	UNIF	WV	0	3
1287	LOAD Z	301 403	24.07	19	5.53	18					GLOB	UNIF	WV	0	3
1288	LOAD X	301 403	29.60-	17	5.53-	16					GLOB	UNIF	WV	0	3
1289	LOAD Y	301 403	29.60-	51	5.53-	47					GLOB	UNIF	WV	0	3
1290	LOAD Z	301 403	29.60	18	5.53	17					GLOB	UNIF	WV	0	3
1291	LOAD X	301 403	35.13-	16	5.53-	15					GLOB	UNIF	WV	0	3
1292	LOAD Y	301 403	35.13-	47	5.53-	43					GLOB	UNIF	WV	0	3
1293	LOAD Z	301 403	35.13	17	5.53	16					GLOB	UNIF	WV	0	3
1294	LOAD Y	501 502	0.00-	24	15.15-	24					GLOB	UNIF	WV	0	3
1295	LOAD Z	501 502	0.00	1	15.15	02					GLOB	UNIF	WV	0	3
1296	LOAD Y	502 503	0.00-	24	15.15-	23					GLOB	UNIF	WV	0	3
1297	LOAD Z	502 503	0.00	02	15.15	04					GLOB	UNIF	WV	0	3
1298	LOAD Z	503 505	0.00-	1	5.05-	1					GLOB	UNIF	WV	0	3
1299	LOAD Z	503 505	5.05-	1	5.05-	02					GLOB	UNIF	WV	0	3
1300	LOAD Z	503 505	10.10-	02	5.05-	02					GLOB	UNIF	WV	0	3
1301	LOAD Z	505 506	0.00-	02	7.58-	03					GLOB	UNIF	WV	0	3
1302	LOAD Z	505 506	7.58-	03	7.58-	03					GLOB	UNIF	WV	0	3
1303	LOAD X	501 504	0.00-	21	15.15-	21					GLOB	UNIF	WV	0	3
1304	LOAD Y	501 504	0.00-	12	15.15-	12					GLOB	UNIF	WV	0	3
1305	LOAD Z	501 504	0.00	1	4.78						GLOB	UNIF	WV	0	3
1306	LOAD Z	501 504	4.78		10.36-	1					GLOB	UNIF	WV	0	3
1307	LOAD X	504 506	0.00-	21	15.15-	21					GLOB	UNIF	WV	0	3
1308	LOAD Y	504 506	0.00-	12	15.15-	12					GLOB	UNIF	WV	0	3
1309	LOAD Z	504 506	0.00-	1	15.15-	03					GLOB	UNIF	WV	0	3
1310	LOAD Z	502 504	0.00		5.05-	1					GLOB	UNIF	WV	0	3
1311	LOAD Z	502 504	5.05-	1	5.05-	1					GLOB	UNIF	WV	0	3
1312	LOAD Z	502 504	10.10-	1	5.05-	1					GLOB	UNIF	WV	0	3
1313	LOAD X	502 505	0.00-	14	15.15-	14					GLOB	UNIF	WV	0	3
1314	LOAD Y	502 505	0.00-	08	15.15-	08					GLOB	UNIF	WV	0	3
1315	LOAD Z	502 505	0.00	02	15.15	1					GLOB	UNIF	WV	0	3
1316	LOAD Y	504 505	0.00-	10	15.15-	10					GLOB	UNIF	WV	0	3
1317	LOAD Z	504 505	2.33		12.83	1					GLOB	UNIF	WV	0	3
1318	LOAD X	501 513	0.00-	12	2.99-	12					GLOB	UNIF	WV	0	3
1319	LOAD Y	501 513	0.00-	21	2.99-	21					GLOB	UNIF	WV	0	3
1320	LOAD Z	501 513	0.00	1	2.99	1					GLOB	UNIF	WV	0	3
1321	LOAD X	503 514	0.00	03	2.99	03					GLOB	UNIF	WV	0	3
1322	LOAD Y	503 514	0.00-	05	2.99-	06					GLOB	UNIF	WV	0	3
1323	LOAD Z	503 514	0.00	02	2.99	02					GLOB	UNIF	WV	0	3

U.S. NAVY - ACMR PLATFORMS - PLATFORM #5 + #6 - MWL 105.0 FEET - OPERATIONAL STA

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1324	LOAD X	513 651	0.00-	41	0.00-	37					GLOB UNIF		WV 0 3		
1325	LOAD Y	513 651	0.00-	71	0.00-	64					GLOB UNIF		WV 0 3		
1326	LOAD X	513 651	6.00-	37	0.00-	33					GLOB UNIF		WV 0 3		
1327	LOAD Y	513 651	6.00-	64	0.00-	58					GLOB UNIF		WV 0 3		
1328	LOAD X	513 651	12.00-	33	0.00-	30					GLOB UNIF		WV 0 3		
1329	LOAD Y	513 651	12.00-	58	0.00-	52					GLOB UNIF		WV 0 3		
1330	LOAD X	514 653	0.00-	39	0.00-	35					GLOB UNIF		WV 0 3		
1331	LOAD Y	514 653	0.00-	67	0.00-	61					GLOB UNIF		WV 0 3		
1332	LOAD X	514 653	6.00-	35	0.00-	32					GLOB UNIF		WV 0 3		
1333	LOAD Y	514 653	6.00-	61	0.00-	56					GLOB UNIF		WV 0 3		
1334	LOAD X	514 653	12.00-	32	0.00-	29					GLOB UNIF		WV 0 3		
1335	LOAD Y	514 653	12.00-	56	0.00-	50					GLOB UNIF		WV 0 3		
1336	LOAD X	601 611	0.00-	06	0.00-	07					GLOB UNIF		WV 0 3		
1337	LOAD X	603 613	0.00-	07	0.00-	07					GLOB UNIF		WV 0 3		
1338	LOAD Z	603 613	0.00	1	0.00	02					GLOB UNIF		WV 0 3		
1339	LOAD X	651 661	0.00-	05	5.00-	05					GLOB UNIF		WV 0 3		
1340	LOAD Z	651 661	0.00-	1	5.00						GLOB UNIF		WV 0 3		
1341	LOAD X	653 663	0.00-	05	5.00-	05					GLOB UNIF		WV 0 3		
1342	LOAD Z	653 663	0.00	1	5.00	1					GLOB UNIF		WV 0 3		
1343	LOAD Y	611 612	0.00-	16	10.01-	16					GLOB UNIF		WV 0 3		
1344	LOAD Z	611 612	0.00	02	10.01	03					GLOB UNIF		WV 0 3		
1345	LOAD Y	612 613	0.00-	16	10.01-	15					GLOB UNIF		WV 0 3		
1346	LOAD Z	612 613	0.00	03	10.01	04					GLOB UNIF		WV 0 3		
1347	LOAD Y	601 602	0.00-	30	17.74-	30					GLOB UNIF		WV 0 3		
1348	LOAD Z	601 602	0.00-	1	9.61						GLOB UNIF		WV 0 3		
1349	LOAD Z	601 602	9.61		8.13	1					GLOB UNIF		WV 0.3		
1350	LOAD Y	602 603	0.00-	30	17.74-	29					GLOB UNIF		WV 0 3		
1351	LOAD Z	602 603	0.00	1	17.74	03					GLOB UNIF		WV 0 3		
1352	LOAD X	611 601	0.00-	26	6.06-	24					GLOB UNIF		WV 0 3		
1353	LOAD Y	611 601	0.00-	46	6.06-	42					GLOB UNIF		WV 0 3		
1354	LOAD Z	611 601	0.00-	04	6.06-	05					GLOB UNIF		WV 0 3		
1355	LOAD X	611 601	6.06-	24	6.06-	22					GLOB UNIF		WV 0 3		
1356	LOAD Y	611 601	6.06-	42	6.06-	38					GLOB UNIF		WV 0 3		
1357	LOAD Z	611 601	6.06-	03	6.06-	03					GLOB UNIF		WV 0 3		
1358	LOAD X	612 602	0.00-	17	6.00-	15					GLOB UNIF		WV 0 3		
1359	LOAD Y	612 602	0.00-	29	6.00-	27					GLOB UNIF		WV 0 3		
1360	LOAD X	612 602	6.00-	15	6.00-	14					GLOB UNIF		WV 0 3		
1361	LOAD Y	612 602	6.00-	27	6.00-	24					GLOB UNIF		WV 0 3		
1362	LOAD X	613 603	0.00-	26	6.06-	23					GLOB UNIF		WV 0 3		
1363	LOAD Y	613 603	0.00-	44	6.06-	40					GLOB UNIF		WV 0 3		
1364	LOAD Z	613 603	0.00	04	6.06	03					GLOB UNIF		WV 0 3		
1365	LOAD X	613 603	6.06-	23	6.06-	21					GLOB UNIF		WV 0 3		
1366	LOAD Y	613 603	6.06-	40	6.06-	36					GLOB UNIF		WV 0 3		
1367	LOAD Z	613 603	6.06	03	6.06	03					GLOB UNIF		WV 0 3		
1368	LOAD X	501 622	0.00-	05	10.21-	05					GLOB UNIF		WV 0 3		
1369	LOAD Y	501 622	0.00-	32	10.21-	28					GLOB UNIF		WV 0 3		
1370	LOAD Z	501 622	0.00	10	10.21	10					GLOB UNIF		WV 0 3		
1371	LOAD X	501 622	10.21-	05	10.21-	05					GLOB UNIF		WV 0 3		
1372	LOAD Y	501 622	10.21-	28	10.21-	26					GLOB UNIF		WV 0 3		

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
1373	LOAD Z	501	622	10.21	10	10.21	09				GLOB	UNIF	WV	0	3
1374	LOAD X	622	703	0.00-	07	7.26-	07				GLOB	UNIF	WV	0	3
1375	LOAD Y	622	703	0.00-	40	7.26-	37				GLOB	UNIF	WV	0	3
1376	LOAD Z	622	703	0.00	13	7.26	12				GLOB	UNIF	WV	0	3
1377	LOAD X	622	703	7.26-	07	7.26-	07				GLOB	UNIF	WV	0	3
1378	LOAD Y	622	703	7.26-	37	7.26-	34				GLOB	UNIF	WV	0	3
1379	LOAD Z	622	703	7.26	12	7.26	12				GLOB	UNIF	WV	0	3
1380	LOAD X	622	703	14.51-	07	7.26-	06				GLOB	UNIF	WV	0	3
1381	LOAD Y	622	703	14.51-	34	7.26-	32				GLOB	UNIF	WV	0	3
1382	LOAD Z	622	703	14.51	12	7.26	11				GLOB	UNIF	WV	0	3
1383	LOAD X	503	625	0.00-	03	10.13-	04				GLOB	UNIF	WV	0	3
1384	LOAD Y	503	625	0.00-	05	10.13-	05				GLOB	UNIF	WV	0	3
1385	LOAD Z	503	625	0.00-	08	10.13-	09				GLOB	UNIF	WV	0	3
1386	LOAD X	503	625	10.13-	04	10.13-	04				GLOB	UNIF	WV	0	3
1387	LOAD Y	503	625	10.13-	05	10.13-	06				GLOB	UNIF	WV	0	3
1388	LOAD Z	503	625	10.13-	09	10.13-	09				GLOB	UNIF	WV	0	3
1389	LOAD X	625	706	0.00-	07	21.93-	07				GLOB	UNIF	WV	0	3
1390	LOAD Y	625	706	0.00-	10	21.93-	10				GLOB	UNIF	WV	0	3
1391	LOAD Z	625	706	0.00-	17	21.93-	17				GLOB	UNIF	WV	0	3
1392	LOAD X	506	624	0.00-	26	10.12-	23				GLOB	UNIF	WV	0	3
1393	LOAD Y	506	624	0.00-	21	10.12-	20				GLOB	UNIF	WV	0	3
1394	LOAD Z	506	624	0.00	05	10.12	05				GLOB	UNIF	WV	0	3
1395	LOAD X	506	624	10.12-	23	10.12-	21				GLOB	UNIF	WV	0	3
1396	LOAD Y	506	624	10.12-	20	10.12-	18				GLOB	UNIF	WV	0	3
1397	LOAD Z	506	624	10.12	05	10.12	05				GLOB	UNIF	WV	0	3
1398	LOAD X	624	701	0.00-	33	10.97-	29				GLOB	UNIF	WV	0	3
1399	LOAD Y	624	701	0.00-	27	10.97-	25				GLOB	UNIF	WV	0	3
1400	LOAD Z	624	701	0.00	06	10.97	06				GLOB	UNIF	WV	0	3
1401	LOAD X	624	701	10.97-	29	10.97-	26				GLOB	UNIF	WV	0	3
1402	LOAD Y	624	701	10.97-	25	10.97-	23				GLOB	UNIF	WV	0	3
1403	LOAD Z	624	701	10.97	06	10.97	06				GLOB	UNIF	WV	0	3
1404	LOAD Y	701	702	0.00-	20	10.76-	20				GLOB	UNIF	WV	0	3
1405	LOAD Z	701	702	0.00-	1	9.38					GLOB	UNIF	WV	0	3
1406	LOAD Z	701	702	9.38		9.38	1				GLOB	UNIF	WV	0	3
1407	LOAD Y	702	703	0.00-	20	10.76-	19				GLOB	UNIF	WV	0	3
1408	LOAD Z	702	703	0.00	1	10.76	02				GLOB	UNIF	WV	0	3
1409	LOAD Z	703	705	0.00-	1	6.25-	02				GLOB	UNIF	WV	0	3
1410	LOAD Z	703	705	6.25-	02	6.25-	03				GLOB	UNIF	WV	0	3
1411	LOAD Z	703	705	12.50-	03	6.25-	03				GLOB	UNIF	WV	0	3
1412	LOAD Z	705	706	0.00-	03	10.76-	03				GLOB	UNIF	WV	0	3
1413	LOAD X	701	704	0.00-	17	10.75-	17				GLOB	UNIF	WV	0	3
1414	LOAD Y	701	704	0.00-	10	10.75-	10				GLOB	UNIF	WV	0	3
1415	LOAD Z	701	704	0.00-	1	10.75-	02				GLOB	UNIF	WV	0	3
1416	LOAD X	704	706	0.00-	17	10.75-	17				GLOB	UNIF	WV	0	3
1417	LOAD Y	704	706	0.00-	10	10.75-	10				GLOB	UNIF	WV	0	3
1418	LOAD Z	704	706	0.00-	02	10.76-	04				GLOB	UNIF	WV	0	3
1419	LOAD Z	702	704	0.00-	02	9.38-	02				GLOB	UNIF	WV	0	3
1420	LOAD Z	702	704	9.38-	02	9.38-	02				GLOB	UNIF	WV	0	3
1421	LOAD X	702	705	0.00-	15	10.75-	15				GLOB	UNIF	WV	0	3

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM 83 + 84 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1422	LOAD Y	702 705	0.00-	08	18.75-	09					GLOB UNIF		WV 0 3		
1423	LOAD Z	702 705	0.00	1	14.74						GLOB UNIF		WV 0 3		
1424	LOAD Y	704 705	0.00-	17	18.76-	17					GLOB UNIF		WV 0 3		
1425	LOAD Z	704 705	0.00-	02	18.75						GLOB UNIF		WV 0 3		
1426	LOAD X	701 806	0.00-	22	10.72-	19					GLOB UNIF		WV 0 3		
1427	LOAD Y	701 806	0.00-	20	10.72-	18					GLOB UNIF		WV 0 3		
1428	LOAD Z	701 806	0.00-	11	10.72-	11					GLOB UNIF		WV 0 3		
1429	LOAD X	701 806	10.72-	14	10.72-	15					GLOB UNIF		WV 0 3		
1430	LOAD Y	701 806	10.72-	16	10.72-	15					GLOB UNIF		WV 0 3		
1431	LOAD Z	701 806	10.72-	11	10.72-	10					GLOB UNIF		WV 0 3		
1432	LOAD X	701 806	33.44-	15	10.72-	13					GLOB UNIF		WV 0 3		
1433	LOAD Y	701 806	33.44-	15	10.72-	13					GLOB UNIF		WV 0 3		
1434	LOAD Z	701 806	33.44-	10	10.72-	09					GLOB UNIF		WV 0 3		
1435	LOAD X	703 801	0.00-	06	10.72-	06					GLOB UNIF		WV 0 3		
1436	LOAD Y	703 801	0.00-	30	10.72-	26					GLOB UNIF		WV 0 3		
1437	LOAD Z	703 801	0.00-	08	10.72-	07					GLOB UNIF		WV 0 3		
1438	LOAD X	703 801	10.72-	06	10.72-	06					GLOB UNIF		WV 0 3		
1439	LOAD Y	703 801	10.72-	26	10.72-	23					GLOB UNIF		WV 0 3		
1440	LOAD Z	703 801	10.72-	07	10.72-	07					GLOB UNIF		WV 0 3		
1441	LOAD X	703 801	33.44-	06	10.72-	05					GLOB UNIF		WV 0 3		
1442	LOAD Y	703 801	33.44-	23	10.72-	20					GLOB UNIF		WV 0 3		
1443	LOAD Z	703 801	33.44-	07	10.72-	07					GLOB UNIF		WV 0 3		
1444	LOAD X	706 803	0.00		10.72-	1					GLOB UNIF		WV 0 3		
1445	LOAD Y	706 803	0.00-	03	10.72-	04					GLOB UNIF		WV 0 3		
1446	LOAD Z	706 803	0.00	04	10.72	06					GLOB UNIF		WV 0 3		
1447	LOAD X	706 803	10.72-	1	10.72-	02					GLOB UNIF		WV 0 3		
1448	LOAD Y	706 803	10.72-	04	10.72-	05					GLOB UNIF		WV 0 3		
1449	LOAD Z	706 803	10.72	06	10.72	06					GLOB UNIF		WV 0 3		
1450	LOAD X	706 803	33.44-	02	10.72-	02					GLOB UNIF		WV 0 3		
1451	LOAD Y	706 803	33.44-	05	10.72-	05					GLOB UNIF		WV 0 3		
1452	LOAD Z	706 803	33.44	06	10.72	06					GLOB UNIF		WV 0 3		
1453	LOAD Y	801 802	0.00-	13	22.79-	13					GLOB UNIF		WV 0 3		
1454	LOAD Z	801 802	0.00-	1	22.79						GLOB UNIF		WV 0 3		
1455	LOAD Y	802 803	0.00-	13	22.79-	13					GLOB UNIF		WV 0 3		
1456	LOAD Z	802 803	2.28		20.51	1					GLOB UNIF		WV 0 3		
1457	LOAD Z	803 805	0.00-	1	11.40-	02					GLOB UNIF		WV 0 3		
1458	LOAD Z	803 805	11.40-	02	11.40-	02					GLOB UNIF		WV 0 3		
1459	LOAD Z	805 806	0.00-	02	22.80-	02					GLOB UNIF		WV 0 3		
1460	LOAD X	801 804	0.00-	12	22.79-	11					GLOB UNIF		WV 0 3		
1461	LOAD Y	801 804	0.00-	07	22.79-	07					GLOB UNIF		WV 0 3		
1462	LOAD Z	801 804	0.00-	1	22.79-	02					GLOB UNIF		WV 0 3		
1463	LOAD X	804 806	0.00-	11	22.80-	11					GLOB UNIF		WV 0 3		
1464	LOAD Y	804 806	0.00-	07	22.80-	06					GLOB UNIF		WV 0 3		
1465	LOAD Z	804 806	0.00-	02	22.80-	03					GLOB UNIF		WV 0 3		
1466	LOAD Z	802 804	0.00-	1	11.40-	1					GLOB UNIF		WV 0 3		
1467	LOAD Z	802 804	11.40-	1	11.40-	02					GLOB UNIF		WV 0 3		
1468	LOAD X	802 805	0.00-	09	22.80-	09					GLOB UNIF		WV 0 3		
1469	LOAD Y	802 805	0.00-	05	22.80-	05					GLOB UNIF		WV 0 3		
1470	LOAD Y	804 805	0.00-	10	22.80-	11					GLOB UNIF		WV 0 3		

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STR

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1471	LOAD Z	804 805	0.00-	1	22.80						GLOB UNIF		WV 0 3		
1472	LOAD X	801 903	0.00-	1	19.87-	02					GLOB UNIF		WV 0 3		
1473	LOAD Y	801 903	0.00-	19	19.87-	17					GLOB UNIF		WV 0 3		
1474	LOAD Z	801 903	0.00	04	19.87	04					GLOB UNIF		WV 0 3		
1475	LOAD X	801 903	19.87-	02	19.87-	02					GLOB UNIF		WV 0 3		
1476	LOAD Y	801 903	19.87-	17	19.87-	14					GLOB UNIF		WV 0 3		
1477	LOAD Z	801 903	19.87	04	19.87	04					GLOB UNIF		WV 0 3		
1478	LOAD X	801 903	39.73-	02	19.87-	02					GLOB UNIF		WV 0 3		
1479	LOAD Y	801 903	39.73-	14	19.87-	12					GLOB UNIF		WV 0 3		
1480	LOAD Z	801 903	39.73	04	19.87	04					GLOB UNIF		WV 0 3		
1481	LOAD X	803 906	0.00-	02	29.80-	02					GLOB UNIF		WV 0 3		
1482	LOAD Y	803 906	0.00-	03	29.80-	03					GLOB UNIF		WV 0 3		
1483	LOAD Z	803 906	0.00-	06	29.80-	06					GLOB UNIF		WV 0 3		
1484	LOAD X	803 906	29.80-	02	29.80-	02					GLOB UNIF		WV 0 3		
1485	LOAD Y	803 906	29.80-	03	29.80-	03					GLOB UNIF		WV 0 3		
1486	LOAD Z	803 906	29.80-	06	29.80-	05					GLOB UNIF		WV 0 3		
1487	LOAD X	806 901	0.00-	16	19.87-	14					GLOB UNIF		WV 0 3		
1488	LOAD Y	806 901	0.00-	10	19.87-	10					GLOB UNIF		WV 0 3		
1489	LOAD Z	806 901	0.00		19.87	1					GLOB UNIF		WV 0 3		
1490	LOAD X	806 901	19.87-	14	19.87-	12					GLOB UNIF		WV 0 3		
1491	LOAD Y	806 901	19.87-	10	19.87-	09					GLOB UNIF		WV 0 3		
1492	LOAD Z	806 901	19.87	1	19.87	02					GLOB UNIF		WV 0 3		
1493	LOAD X	806 901	39.74-	12	19.87-	10					GLOB UNIF		WV 0 3		
1494	LOAD Y	806 901	39.74-	09	19.87-	08					GLOB UNIF		WV 0 3		
1495	LOAD Z	806 901	39.74	02	19.87	02					GLOB UNIF		WV 0 3		
1496	LOAD Y	901 902	0.00-	10	27.42-	10					GLOB UNIF		WV 0 3		
1497	LOAD Z	901 902	0.00-	1	27.42						GLOB UNIF		WV 0 3		
1498	LOAD Y	902 903	0.00-	10	27.42-	09					GLOB UNIF		WV 0 3		
1499	LOAD Z	903 905	0.00-	1	27.41-	1					GLOB UNIF		WV 0 3		
1500	LOAD Z	905 906	0.00-	1	27.42-	1					GLOB UNIF		WV 0 3		
1501	LOAD X	901 904	0.00-	08	27.41-	08					GLOB UNIF		WV 0 3		
1502	LOAD Y	901 904	0.00-	05	27.41-	05					GLOB UNIF		WV 0 3		
1503	LOAD Z	901 904	0.00-	1	27.41-	1					GLOB UNIF		WV 0 3		
1504	LOAD X	904 906	0.00-	08	27.42-	08					GLOB UNIF		WV 0 3		
1505	LOAD Y	904 906	0.00-	05	27.42-	04					GLOB UNIF		WV 0 3		
1506	LOAD Z	904 906	0.00-	1	27.42-	02					GLOB UNIF		WV 0 3		
1507	LOAD Z	902 904	0.00-	1	27.41-	1					GLOB UNIF		WV 0 3		
1508	LOAD X	902 905	0.00-	06	27.41-	06					GLOB UNIF		WV 0 3		
1509	LOAD Y	902 905	0.00-	03	27.41-	03					GLOB UNIF		WV 0 3		
1510	LOAD Y	904 905	0.00-	07	27.42-	07					GLOB UNIF		WV 0 3		
1511	LOAD Z	904 905	0.00-	1	27.42						GLOB UNIF		WV 0 3		
1512	LOAD X	9011002	0.00-	03	14.08-	03					GLOB UNIF		WV 0 3		
1513	LOAD Y	9011002	0.00-	11	14.08-	10					GLOB UNIF		WV 0 3		
1514	LOAD Z	9011002	0.00	03	14.08	03					GLOB UNIF		WV 0 3		
1515	LOAD X	9011002	14.08-	03	14.08-	03					GLOB UNIF		WV 0 3		
1516	LOAD Y	9011002	14.08-	10	14.08-	09					GLOB UNIF		WV 0 3		
1517	LOAD Z	9011002	14.08	03	14.08	03					GLOB UNIF		WV 0 3		
1518	LOAD X	9011002	28.15-	03	14.08-	02					GLOB UNIF		WV 0 3		
1519	LOAD Y	9011002	28.15-	09	14.08-	06					GLOB UNIF		WV 0 3		

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1520 LOAD Z  9011002   28.15     03  14.08     03                GLOB UNIF     WV 0 3
    1521 LOAD X  9031002    0.00-    04  14.08-    04                GLOB UNIF     WV 0 3
    1522 LOAD Y  9031002    0.00-    11  14.08-    11                GLOB UNIF     WV 0 3
    1523 LOAD Z  9031002    0.00-    03  14.08-    02                GLOB UNIF     WV 0 3
    1524 LOAD X  9031002   14.08-    04  14.08-    04                GLOB UNIF     WV 0 3
    1525 LOAD Y  9031002   14.08-    11  14.08-    10                GLOB UNIF     WV 0 3
    1526 LOAD Z  9031002   14.08-    02  14.08-    02                GLOB UNIF     WV 0 3
    1527 LOAD X  9031002   28.15-    04  14.08-    03                GLOB UNIF     WV 0 3
    1528 LOAD Y  9031002   28.15-    10  14.08-    09                GLOB UNIF     WV 0 3
    1529 LOAD Z  9031002   28.15-    02  14.08-    02                GLOB UNIF     WV 0 3
    1530 LOAD X  9031005    0.00-    03  14.08-    03                GLOB UNIF     WV 0 3
    1531 LOAD Y  9031005    0.00-    05  14.08-    05                GLOB UNIF     WV 0 3
    1532 LOAD Z  9031005    0.00-    05  14.08-    05                GLOB UNIF     WV 0 3
    1533 LOAD X  9031005   14.08-    03  14.08-    03                GLOB UNIF     WV 0 3
    1534 LOAD Y  9031005   14.08-    05  14.08-    04                GLOB UNIF     WV 0 3
    1535 LOAD Z  9031005   14.08-    05  14.08-    05                GLOB UNIF     WV 0 3
    1536 LOAD X  9031005   28.15-    03  14.08-    03                GLOB UNIF     WV 0 3
    1537 LOAD Y  9031005   28.15-    04  14.08-    04                GLOB UNIF     WV 0 3
    1538 LOAD Z  9031005   28.15-    05  14.08-    04                GLOB UNIF     WV 0 3
    1539 LOAD X  9061005    0.00-    02  14.07-    02                GLOB UNIF     WV 0 3
    1540 LOAD Y  9061005    0.00-    04  14.07-    04                GLOB UNIF     WV 0 3
    1541 LOAD Z  9061005    0.00     04  14.07     04                GLOB UNIF     WV 0 3
    1542 LOAD X  9061005   14.07-    02  14.07-    02                GLOB UNIF     WV 0 3
    1543 LOAD Y  9061005   14.07-    04  14.07-    04                GLOB UNIF     WV 0 3
    1544 LOAD Z  9061005   14.07     04  14.07     04                GLOB UNIF     WV 0 3
    1545 LOAD X  9061005   28.15-    02  14.07-    02                GLOB UNIF     WV 0 3
    1546 LOAD Y  9061005   28.15-    04  14.07-    04                GLOB UNIF     WV 0 3
    1547 LOAD Z  9061005   28.15     04  14.07     04                GLOB UNIF     WV 0 3
    1548 LOAD X  9011004    0.00-    06  14.08-    07                GLOB UNIF     WV 0 3
    1549 LOAD Y  9011004    0.00-    09  14.08-    08                GLOB UNIF     WV 0 3
    1550 LOAD Z  9011004    0.00-    04  14.08-    04                GLOB UNIF     WV 0 3
    1551 LOAD X  9011004   14.08-    07  14.08-    06                GLOB UNIF     WV 0 3
    1552 LOAD Y  9011004   14.08-    08  14.08-    07                GLOB UNIF     WV 0 3
    1553 LOAD Z  9011004   14.08-    04  14.08-    03                GLOB UNIF     WV 0 3
    1554 LOAD X  9011004   28.15-    06  14.08-    05                GLOB UNIF     WV 0 3
    1555 LOAD Y  9011004   28.15-    07  14.08-    06                GLOB UNIF     WV 0 3
    1556 LOAD Z  9011004   28.15-    03  14.08-    02                GLOB UNIF     WV 0 3
    1557 LOAD X  9061004    0.00-    06  14.07-    07                GLOB UNIF     WV 0 3
    1558 LOAD Y  9061004    0.00-    06  14.07-    06                GLOB UNIF     WV 0 3
    1559 LOAD Z  9061004    0.00     02  14.07     02                GLOB UNIF     WV 0 3
    1560 LOAD X  9061004   14.07-    07  14.07-    06                GLOB UNIF     WV 0 3
    1561 LOAD Y  9061004   14.07-    06  14.07-    07                GLOB UNIF     WV 0 3
    1562 LOAD Z  9061004   14.07     02  14.07     02                GLOB UNIF     WV 0 3
    1563 LOAD X  9061004   28.15-    06  14.07-    05                GLOB UNIF     WV 0 3
    1564 LOAD Y  9061004   28.15-    07  14.07-    07                GLOB UNIF     WV 0 3
    1565 LOAD Z  9061004   28.15     02  14.07     02                GLOB UNIF     WV 0 3
    1566 LOAD Y 10011002    0.00-    06  32.04-    09                GLOB UNIF     WV 0 3
    1567 LOAD Y 10021003    0.00-    09  32.04-    08                GLOB UNIF     WV 0 3
    1568 LOAD X 10011004    0.00-    07  32.04-    07                GLOB UNIF     WV 0 3
```

U.S. NAVY - ACRR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0																			
1569	LOAD	Y	10011004	0.00-	04	32.04-	04										GLOB	UNIF	WV	0 3
1570	LOAD	X	10041006	0.00-	07	32.04-	06										GLOB	UNIF	WV	0 3
1571	LOAD	Y	10041006	0.00-	04	32.04-	03										GLOB	UNIF	WV	0 3
1572	LOAD	X	10021005	0.00-	05	32.04-	05										GLOB	UNIF	WV	0 3
1573	LOAD	Y	10021005	0.00-	03	32.04-	03										GLOB	UNIF	WV	0 3
1574	LOAD	Y	10041005	0.00-	06	32.04-	06										GLOB	UNIF	WV	0 3
1575	LOAD	X	301 401	15.84-	41	4.22-	38										GLOB	UNIF	WV	0 3
1576	LOAD	Y	301 401	15.84-	72	4.22-	66										GLOB	UNIF	WV	0 3
1577	LOAD	X	301 401	20.06-	38	4.22-	35										GLOB	UNIF	WV	0 3
1578	LOAD	Y	301 401	20.06-	66	4.22-	61										GLOB	UNIF	WV	0 3
1579	LOAD	X	301 401	24.28-	35	4.22-	33										GLOB	UNIF	WV	0 3
1580	LOAD	Y	301 401	24.28-	61	4.22-	57										GLOB	UNIF	WV	0 3
1581	LOAD	X	303 403	17.58-	38	5.46-	34										GLOB	UNIF	WV	0 3
1582	LOAD	Y	303 403	17.58-	66	5.46-	59										GLOB	UNIF	WV	0 3
1583	LOAD	X	303 403	23.04-	34	5.46-	31										GLOB	UNIF	WV	0 3
1584	LOAD	Y	303 403	23.04-	59	5.46-	54										GLOB	UNIF	WV	0 3
1585	LOAD	X	306 406	15.21-	42	4.43-	38										GLOB	UNIF	WV	0 3
1586	LOAD	Y	306 406	15.21-	72	4.43-	66										GLOB	UNIF	WV	0 3
1587	LOAD	X	306 406	19.64-	38	4.43-	35										GLOB	UNIF	WV	0 3
1588	LOAD	Y	306 406	19.64-	66	4.43-	61										GLOB	UNIF	WV	0 3
1589	LOAD	X	306 406	24.07-	35	4.43-	32										GLOB	UNIF	WV	0 3
1590	LOAD	Y	306 406	24.07-	61	4.43-	56										GLOB	UNIF	WV	0 3
1591	LOAD	X	401 501	0.00-	50	4.56-	52										GLOB	UNIF	WV	0 3
1592	LOAD	Y	401 501	0.00-	92	4.56-	84										GLOB	UNIF	WV	0 3
1593	LOAD	X	403 503	0.00-	51	4.56-	47										GLOB	UNIF	WV	0 3
1594	LOAD	Y	403 503	0.00-	92	4.56-	85										GLOB	UNIF	WV	0 3
1595	LOAD	Z	403 503	0.00	15	4.56	14										GLOB	UNIF	WV	0 3
1596	LOAD	X	406 506	0.00-	51	4.56-	47										GLOB	UNIF	WV	0 3
1597	LOAD	Y	406 506	0.00-	91	4.56-	84										GLOB	UNIF	WV	0 3
1598	LOAD	Z	406 506	0.00-	15	4.56-	14										GLOB	UNIF	WV	0 3
1599	LOAD	X	501 601	0.00-	51	6.08-	46										GLOB	UNIF	WV	0 3
1600	LOAD	Y	501 601	0.00-	84	6.08-	75										GLOB	UNIF	WV	0 3
1601	LOAD	X	503 603	0.00-	47	6.08-	42										GLOB	UNIF	WV	0 3
1602	LOAD	Y	503 603	0.00-	84	6.08-	75										GLOB	UNIF	WV	0 3
1603	LOAD	Z	503 603	0.00	14	6.08	12										GLOB	UNIF	WV	0 3
1604	LOAD	X	506 606	0.00-	47	5.04-	44										GLOB	UNIF	WV	0 3
1605	LOAD	Y	506 606	0.00-	85	5.04-	79										GLOB	UNIF	WV	0 3
1606	LOAD	Z	506 606	0.00-	14	5.04-	13										GLOB	UNIF	WV	0 3
1607	LOAD	X	506 606	3.04-	44	5.04-	42										GLOB	UNIF	WV	0 3
1608	LOAD	Y	506 606	3.04-	79	5.04-	75										GLOB	UNIF	WV	0 3
1609	LOAD	Z	506 606	3.04-	13	5.04-	13										GLOB	UNIF	WV	0 3
1610	LOAD	X	601 621	0.00-	46	6.08-	42										GLOB	UNIF	WV	0 3
1611	LOAD	Y	601 621	0.00-	75	6.08-	68										GLOB	UNIF	WV	0 3
1612	LOAD	X	603 623	0.00-	42	6.08-	38										GLOB	UNIF	WV	0 3
1613	LOAD	Y	603 623	0.00-	75	6.08-	68										GLOB	UNIF	WV	0 3
1614	LOAD	Z	603 623	0.00	12	6.08	11										GLOB	UNIF	WV	0 3
1615	LOAD	X	606 626	0.00-	42	6.08-	38										GLOB	UNIF	WV	0 3
1616	LOAD	Y	606 626	0.00-	75	6.08-	68										GLOB	UNIF	WV	0 3
1617	LOAD	Z	606 626	0.00-	12	6.08-	11										GLOB	UNIF	WV	0 3

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MRL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1618	LOAD X 621 651	0.00-	64	6.08-	58					GLOB UNIF		WV 0 3			
1619	LOAD Y 621 651	0.00-	100	6.08-	90					GLOB UNIF		WV 0 3			
1620	LOAD Z 621 651	0.00-	1	6.08-	1					GLOB UNIF		WV 0 3			
1621	LOAD X 623 653	0.00-	56	6.08-	51					GLOB UNIF		WV 0 3			
1622	LOAD Y 623 653	0.00-	103	6.08-	93					GLOB UNIF		WV 0 3			
1623	LOAD Z 623 653	0.00	17	6.08	15					GLOB UNIF		WV 0 3			
1624	LOAD X 626 656	0.00-	54	3.04-	51					GLOB UNIF		WV 0 3			
1625	LOAD Y 626 656	0.00-	99	3.04-	94					GLOB UNIF		WV 0 3			
1626	LOAD Z 626 656	0.00-	16	3.04-	16					GLOB UNIF		WV 0 3			
1627	LOAD X 626 656	3.04-	51	3.04-	48					GLOB UNIF		WV 0 3			
1628	LOAD Y 626 656	3.04-	94	3.04-	89					GLOB UNIF		WV 0 3			
1629	LOAD Z 626 656	3.04-	16	3.04-	15					GLOB UNIF		WV 0 3			
1630	LOAD X 651 701	0.00-	58	3.55-	54					GLOB UNIF		WV 0 3			
1631	LOAD Y 651 701	0.00-	90	3.55-	85					GLOB UNIF		WV 0 3			
1632	LOAD Z 651 701	0.00-	1	3.55-	1					GLOB UNIF		WV 0 3			
1633	LOAD X 651 701	3.55-	54	3.55-	51					GLOB UNIF		WV 0 3			
1634	LOAD Y 651 701	3.55-	85	3.55-	80					GLOB UNIF		WV 0 3			
1635	LOAD Z 651 701	3.55-	1	3.55-	1					GLOB UNIF		WV 0 3			
1636	LOAD X 653 703	0.00-	51	3.55-	48					GLOB UNIF		WV 0 3			
1637	LOAD Y 653 703	0.00-	93	3.55-	88					GLOB UNIF		WV 0 3			
1638	LOAD Z 653 703	0.00	15	3.55	14					GLOB UNIF		WV 0 3			
1639	LOAD X 653 703	3.55-	48	3.55-	45					GLOB UNIF		WV 0 3			
1640	LOAD Y 653 703	3.55-	88	3.55-	83					GLOB UNIF		WV 0 3			
1641	LOAD Z 653 703	3.55	14	3.55	13					GLOB UNIF		WV 0 3			
1642	LOAD X 656 706	0.00-	48	3.55-	45					GLOB UNIF		WV 0 3			
1643	LOAD Y 656 706	0.00-	89	3.55-	83					GLOB UNIF		WV 0 3			
1644	LOAD Z 656 706	0.00-	15	3.55-	14					GLOB UNIF		WV 0 3			
1645	LOAD X 656 706	3.55-	45	3.55-	42					GLOB UNIF		WV 0 3			
1646	LOAD Y 656 706	3.55-	83	3.55-	78					GLOB UNIF		WV 0 3			
1647	LOAD Z 656 706	3.55-	14	3.55-	13					GLOB UNIF		WV 0 3			
1648	LOAD X 701 801	0.00-	44	9.46-	41					GLOB UNIF		WV 0 3			
1649	LOAD Y 701 801	0.00-	70	9.46-	64					GLOB UNIF		WV 0 3			
1650	LOAD Z 701 801	0.00-	1	9.46-	1					GLOB UNIF		WV 0 3			
1651	LOAD X 701 801	9.46-	41	9.46-	35					GLOB UNIF		WV 0 3			
1652	LOAD Y 701 801	9.46-	64	9.46-	55					GLOB UNIF		WV 0 3			
1653	LOAD Z 701 801	9.46-	1	9.46						GLOB UNIF		WV 0 3			
1654	LOAD X 701 801	18.92-	35	9.46-	31					GLOB UNIF		WV 0 3			
1655	LOAD Y 701 801	18.92-	55	9.46-	48					GLOB UNIF		WV 0 3			
1656	LOAD X 703 803	0.00-	43	9.46-	37					GLOB UNIF		WV 0 3			
1657	LOAD Y 703 803	0.00-	74	9.46-	67					GLOB UNIF		WV 0 3			
1658	LOAD Z 703 803	0.00	13	9.46	11					GLOB UNIF		WV 0 3			
1659	LOAD X 703 803	9.46-	37	9.46-	32					GLOB UNIF		WV 0 3			
1660	LOAD Y 703 803	9.46-	67	9.46-	58					GLOB UNIF		WV 0 3			
1661	LOAD Z 703 803	9.46	11	9.46	09					GLOB UNIF		WV 0 3			
1662	LOAD X 703 803	18.92-	32	9.46-	28					GLOB UNIF		WV 0 3			
1663	LOAD Y 703 803	18.92-	56	9.46-	50					GLOB UNIF		WV 0 3			
1664	LOAD Z 703 803	18.92	09	9.46	08					GLOB UNIF		WV 0 3			
1665	LOAD X 706 806	0.00-	41	9.46-	34					GLOB UNIF		WV 0 3			
1666	LOAD Y 706 806	0.00-	75	9.46-	62					GLOB UNIF		WV 0 3			

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAT 105.0 FEET - OPERATIONAL STR

LINE NO.	1...5	1	706 806	0.00-	12	9.46-	10	GLOB UNIF	WV 0 3
1667	LOAD Z	706 806	9.46-	34	9.46-	28	GLOB UNIF	WV 0 3
1668	LOAD X	706 806	9.46-	62	9.46-	52	GLOB UNIF	WV 0 3
1669	LOAD Y	706 806	9.46-	10	9.46-	09	GLOB UNIF	WV 0 3
1670	LOAD Z	706 806	18.92-	28	9.46-	24	GLOB UNIF	WV 0 3
1671	LOAD X	706 806	18.92-	52	9.46-	44	GLOB UNIF	WV 0 3
1672	LOAD Y	706 806	18.92-	09	9.46-	07	GLOB UNIF	WV 0 3
1673	LOAD Z	801 901	0.00-	31	10.81-	26	GLOB UNIF	WV 0 3
1674	LOAD X	801 901	0.00-	48	10.81-	41	GLOB UNIF	WV 0 3
1675	LOAD Y	801 901	10.81-	26	10.81-	23	GLOB UNIF	WV 0 3
1676	LOAD X	801 901	10.81-	41	10.81-	36	GLOB UNIF	WV 0 3
1677	LOAD Y	801 901	21.63-	25	10.81-	20	GLOB UNIF	WV 0 3
1678	LOAD X	801 901	21.63-	36	10.81-	32	GLOB UNIF	WV 0 3
1679	LOAD Y	803 903	0.00-	28	10.81-	24	GLOB UNIF	WV 0 3
1680	LOAD X	803 903	0.00-	50	10.81-	44	GLOB UNIF	WV 0 3
1681	LOAD Y	803 903	0.00	08	10.81	07	GLOB UNIF	WV 0 3
1682	LOAD Z	803 903	10.81-	24	10.81-	21	GLOB UNIF	WV 0 3
1683	LOAD X	803 903	10.81-	44	10.81-	38	GLOB UNIF	WV 0 3
1684	LOAD Y	803 903	10.81	07	10.81	06	GLOB UNIF	WV 0 3
1685	LOAD Z	803 903	21.63-	21	10.81-	19	GLOB UNIF	WV 0 3
1686	LOAD X	803 903	21.63-	36	10.81-	34	GLOB UNIF	WV 0 3
1687	LOAD Y	803 903	21.63	06	10.81	06	GLOB UNIF	WV 0 3
1688	LOAD Z	806 906	0.00-	24	10.81-	20	GLOB UNIF	WV 0 3
1689	LOAD X	806 906	0.00-	44	10.81-	37	GLOB UNIF	WV 0 3
1690	LOAD Y	806 906	0.00-	07	10.81-	06	GLOB UNIF	WV 0 3
1691	LOAD Z	806 906	10.81-	20	10.81-	17	GLOB UNIF	WV 0 3
1692	LOAD X	806 906	10.81-	37	10.81-	31	GLOB UNIF	WV 0 3
1693	LOAD Y	806 906	10.81-	06	10.81-	05	GLOB UNIF	WV 0 3
1694	LOAD Z	806 906	21.63-	17	10.81-	14	GLOB UNIF	WV 0 3
1695	LOAD X	806 906	21.63-	31	10.81-	26	GLOB UNIF	WV 0 3
1696	LOAD Y	806 906	21.63-	05	10.81-	04	GLOB UNIF	WV 0 3
1697	LOAD Z	9011001	0.00-	20	10.81-	17	GLOB UNIF	WV 0 3
1698	LOAD X	9011001	0.00-	32	10.81-	29	GLOB UNIF	WV 0 3
1699	LOAD Y	9011001	10.81-	17	10.81-	16	GLOB UNIF	WV 0 3
1700	LOAD X	9011001	10.81-	29	10.81-	26	GLOB UNIF	WV 0 3
1701	LOAD Y	9011001	21.63-	16	10.81-	13	GLOB UNIF	WV 0 3
1702	LOAD X	9011001	21.63-	26	10.81-	23	GLOB UNIF	WV 0 3
1703	LOAD Y	9031003	0.00-	19	10.81-	17	GLOB UNIF	WV 0 3
1704	LOAD X	9031003	0.00-	34	10.81-	31	GLOB UNIF	WV 0 3
1705	LOAD Y	9031003	0.00	06	10.81	05	GLOB UNIF	WV 0 3
1706	LOAD Z	9031003	10.81-	17	10.81-	16	GLOB UNIF	WV 0 3
1707	LOAD X	9031003	10.81-	31	10.81-	29	GLOB UNIF	WV 0 3
1708	LOAD Y	9031003	10.81	05	10.81	05	GLOB UNIF	WV 0 3
1709	LOAD Z	9031003	21.63-	16	10.81-	14	GLOB UNIF	WV 0 3
1710	LOAD X	9031003	21.63-	29	10.81-	26	GLOB UNIF	WV 0 3
1711	LOAD Y	9031003	21.63	05	10.81	04	GLOB UNIF	WV 0 3
1712	LOAD Z	9061006	0.00-	14	10.81-	12	GLOB UNIF	WV 0 3
1713	LOAD X	9061006	0.00-	26	10.81-	22	GLOB UNIF	WV 0 3
1714	LOAD Y	9061006	0.00-	04	10.81-	04	GLOB UNIF	WV 0 3
1715	LOAD Z								

STRAN INPUT DATA

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MwL 105.0 FEET - OPERATIONAL STM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    1716 LOAD X  9061006   10.81-  12  10.81-  10                    GLOB UNIF    WV 0 3
    1717 LOAD Y  9061006   10.81-  22  10.81-  18                    GLOB UNIF    WV 0 3
    1718 LOAD Z  9061006   10.81-  04  10.81-  03                    GLOB UNIF    WV 0 3
    1719 LOAD X  9061006   21.63-  10  10.81-  08                    GLOB UNIF    WV 0 3
    1720 LOAD Y  9061006   21.63-  16  10.81-  14                    GLOB UNIF    WV 0 3
    1721 LOAD Z  9061006   21.63-  05  10.81-  02                    GLOB UNIF    WV 0 3
    1722 LOADCN  4
    1723 LOAD Y  510 710     7.59-  46                                GLOB CONC    WN 0 4
    1724 LOAD X  510 710                                  7.59  36436 GLOB MOMT   WN 0 4
    1725 LOAD Y  511 711     7.59-  46                                GLOB CONC    WN 0 4
    1726 LOAD X  511 711                                  7.59  36436 GLOB MOMT   WN 0 4
    1727 LOAD Y  512 712     7.59-  46                                GLOB CONC    WN 0 4
    1728 LOAD X  512 712                                  7.59  36436 GLOB MOMT   WN 0 4
    1729 LOAD Y  510 710     7.59-  47                                GLOB CONC    WN 0 4
    1730 LOAD X  510 710                                  7.59  33785 GLOB MOMT   WN 0 4
    1731 LOAD Y  511 711     7.59-  47                                GLOB CONC    WN 0 4
    1732 LOAD X  511 711                                  7.59  33785 GLOB MOMT   WN 0 4
    1733 LOAD Y  512 712     7.59-  47                                GLOB CONC    WN 0 4
    1734 LOAD X  512 712                                  7.59  33785 GLOB MOMT   WN 0 4
    1735 LOAD X  301 403    23.05-   1   5.87-   1                    GLOB UNIF    WV 0 4
    1736 LOAD Y  301 403    23.05-  65   5.87-  60                    GLOB UNIF    WV 0 4
    1737 LOAD Z  301 403    23.05    1   5.87    1                    GLOB UNIF    WV 0 4
    1738 LOAD X  301 403    28.92-   1   5.87-   1                    GLOB UNIF    WV 0 4
    1739 LOAD Y  301 403    28.92-  60   5.87-  56                    GLOB UNIF    WV 0 4
    1740 LOAD Z  301 403    28.92    1   5.87    1                    GLOB UNIF    WV 0 4
    1741 LOAD X  301 403    34.79-   1   5.87-   1                    GLOB UNIF    WV 0 4
    1742 LOAD Y  301 403    34.79-  56   5.87-  52                    GLOB UNIF    WV 0 4
    1743 LOAD Z  301 403    34.79    1   5.87    1                    GLOB UNIF    WV 0 4
    1744 LOAD Y  501 502     0.00-  32  15.15-  32                    GLOB UNIF    WV 0 4
    1745 LOAD Z  501 502     0.00   02  15.15   02                    GLOB UNIF    WV 0 4
    1746 LOAD Y  502 503     0.00-  32  15.15-  32                    GLOB UNIF    WV 0 4
    1747 LOAD Z  502 503     0.00   02  15.15   02                    GLOB UNIF    WV 0 4
    1748 LOAD X  505 505     0.00   07  15.15   07                    GLOB UNIF    WV 0 4
    1749 LOAD Y  503 505     0.00-  04  15.15-  04                    GLOB UNIF    WV 0 4
    1750 LOAD Z  503 505     0.00        15.15-  02                    GLOB UNIF    WV 0 4
    1751 LOAD X  505 506     0.00   07  15.15   07                    GLOB UNIF    WV 0 4
    1752 LOAD Y  505 506     0.00-  04  15.15-  04                    GLOB UNIF    WV 0 4
    1753 LOAD Z  505 506     0.00-  02  15.15-  04                    GLOB UNIF    WV 0 4
    1754 LOAD X  501 504     0.00-  07  15.15-  07                    GLOB UNIF    WV 0 4
    1755 LOAD Y  501 504     0.00-  04  15.15-  04                    GLOB UNIF    WV 0 4
    1756 LOAD Z  501 504     0.00        15.15-  02                    GLOB UNIF    WV 0 4
    1757 LOAD X  504 506     0.00-  07  15.15-  07                    GLOB UNIF    WV 0 4
    1758 LOAD Y  504 506     0.00-  04  15.15-  04                    GLOB UNIF    WV 0 4
    1759 LOAD Z  504 506     0.00-  02  15.15-  04                    GLOB UNIF    WV 0 4
    1760 LOAD X  502 504     0.00   05  15.15   05                    GLOB UNIF    WV 0 4
    1761 LOAD Y  502 504     0.00-  03  15.15-  03                    GLOB UNIF    WV 0 4
    1762 LOAD Z  502 504     5.41        9.74-   1                    GLOB UNIF    WV 0 4
    1763 LOAD X  502 505     0.00-  05  15.15-  05                    GLOB UNIF    WV 0 4
    1764 LOAD Y  502 505     0.00-  03  15.15-  03                    GLOB UNIF    WV 0 4
```

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1765	LOAD Z	502	505	5.41		9.74-	1				GLOB	UNIF		WV	0 4
1766	LOAD Y	504	505	0.00-	21	15.14-	21				GLOB	UNIF		WV	0 4
1767	LOAD X	501	513	0.00-	09	2.99-	09				GLOB	UNIF		WV	0 4
1768	LOAD Y	501	513	0.00-	15	2.99-	15				GLOB	UNIF		WV	0 4
1769	LOAD Z	501	513	0.00	02	2.99	02				GLOB	UNIF		WV	0 4
1770	LOAD X	503	514	0.00	09	2.99	09				GLOB	UNIF		WV	0 4
1771	LOAD Y	503	514	0.00-	15	2.99-	15				GLOB	UNIF		WV	0 4
1772	LOAD Z	503	514	0.00	02	2.99	02				GLOB	UNIF		WV	0 4
1773	LOAD Y	513	651	0.00-	81	6.00-	73				GLOB	UNIF		WV	0 4
1774	LOAD Y	513	651	6.00-	73	6.00-	66				GLOB	UNIF		WV	0 4
1775	LOAD Y	513	651	12.00-	66	6.00-	60				GLOB	UNIF		WV	0 4
1776	LOAD Y	514	653	0.00-	81	6.00-	73				GLOB	UNIF		WV	0 4
1777	LOAD Y	514	653	6.00-	73	6.00-	66				GLOB	UNIF		WV	0 4
1778	LOAD Y	514	653	12.00-	66	6.00-	60				GLOB	UNIF		WV	0 4
1779	LOAD Z	601	611	0.00-	1	3.00-	1				GLOB	UNIF		WV	0 4
1780	LOAD Z	601	611	3.00-	1	3.00-	1				GLOB	UNIF		WV	0 4
1781	LOAD Z	603	613	0.00-	1	3.00-	1				GLOB	UNIF		WV	0 4
1782	LOAD Z	603	613	3.00-	1	3.00-	1				GLOB	UNIF		WV	0 4
1783	LOAD Z	651	661	0.00-	1	5.00-	1				GLOB	UNIF		WV	0 4
1784	LOAD Z	653	663	0.00-	1	5.00-	1				GLOB	UNIF		WV	0 4
1785	LOAD Y	611	612	0.00-	21	16.01-	21				GLOB	UNIF		WV	0 4
1786	LOAD Z	611	612	0.00	03	16.01	03				GLOB	UNIF		WV	0 4
1787	LOAD Y	612	613	0.00-	21	16.01-	21				GLOB	UNIF		WV	0 4
1788	LOAD Z	612	613	0.00	03	16.01	03				GLOB	UNIF		WV	0 4
1789	LOAD Y	661	662	0.00-	39	17.74-	39				GLOB	UNIF		WV	0 4
1790	LOAD Z	661	662	0.00	1	17.74	1				GLOB	UNIF		WV	0 4
1791	LOAD Y	662	663	0.00-	39	17.74-	39				GLOB	UNIF		WV	0 4
1792	LOAD Z	662	663	0.00	1	17.74	1				GLOB	UNIF		WV	0 4
1793	LOAD Y	611	661	0.00-	55	6.06-	46				GLOB	UNIF		WV	0 4
1794	LOAD Y	611	661	6.06-	46	6.06-	44				GLOB	UNIF		WV	0 4
1795	LOAD Y	612	662	0.00-	35	6.06-	31				GLOB	UNIF		WV	0 4
1796	LOAD Y	612	662	6.00-	31	6.06-	28				GLOB	UNIF		WV	0 4
1797	LOAD Y	613	663	0.00-	53	6.06-	48				GLOB	UNIF		WV	0 4
1798	LOAD Y	613	663	6.06-	48	6.06-	44				GLOB	UNIF		WV	0 4
1799	LOAD X	501	622	0.00	1	10.21	1				GLOB	UNIF		WV	0 4
1800	LOAD Y	501	622	0.00-	40	10.21-	36				GLOB	UNIF		WV	0 4
1801	LOAD Z	501	622	0.00	02	10.21	02				GLOB	UNIF		WV	0 4
1802	LOAD X	501	622	10.21	1	10.21	1				GLOB	UNIF		WV	0 4
1803	LOAD Y	501	622	10.21-	36	10.21-	32				GLOB	UNIF		WV	0 4
1804	LOAD Z	501	622	10.21	02	10.21	02				GLOB	UNIF		WV	0 4
1805	LOAD X	622	703	0.00	03	7.26	02				GLOB	UNIF		WV	0 4
1806	LOAD Y	622	703	0.00-	50	7.26-	46				GLOB	UNIF		WV	0 4
1807	LOAD Z	622	703	0.00	1	7.26	1				GLOB	UNIF		WV	0 4
1808	LOAD X	622	703	7.26	02	7.26	02				GLOB	UNIF		WV	0 4
1809	LOAD Y	622	703	7.26-	46	7.26-	43				GLOB	UNIF		WV	0 4
1810	LOAD Z	622	703	7.26	1	7.26					GLOB	UNIF		WV	0 4
1811	LOAD X	622	703	14.51	02	7.26	02				GLOB	UNIF		WV	0 4
1812	LOAD Y	622	703	14.51-	43	7.26-	40				GLOB	UNIF		WV	0 4
1813	LOAD X	503	625	0.00	06	20.25	05				GLOB	UNIF		WV	0 4

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1814	LOAD Y	503 625	0.00-		12	20.25-	12				GLOB UNIF		WV	0	4
1815	LOAD Z	503 625	0.00-		11	20.25-	11				GLOB UNIF		WV	0	4
1816	LOAD X	625 706	0.00		07	10.96	06				GLOB UNIF		WV	0	4
1817	LOAD Y	625 706	0.00-		20	10.96-	19				GLOB UNIF		WV	0	4
1818	LOAD Z	625 706	0.00-		20	10.96-	19				GLOB UNIF		WV	0	4
1819	LOAD X	625 706	10.96		06	10.96	05				GLOB UNIF		WV	0	4
1820	LOAD Y	625 706	10.96-		19	10.96-	17				GLOB UNIF		WV	0	4
1821	LOAD Z	625 706	10.96-		19	10.96-	18				GLOB UNIF		WV	0	4
1822	LOAD X	506 624	0.00-		10	20.24-	08				GLOB UNIF		WV	0	4
1823	LOAD Y	506 624	0.00-		12	20.24-	13				GLOB UNIF		WV	0	4
1824	LOAD Z	506 624	0.00		06	20.24	08				GLOB UNIF		WV	0	4
1825	LOAD X	624 701	0.00-		13	10.97-	12				GLOB UNIF		WV	0	4
1826	LOAD Y	624 701	0.00-		18	10.97-	16				GLOB UNIF		WV	0	4
1827	LOAD Z	624 701	0.00		10	10.97	11				GLOB UNIF		WV	0	4
1828	LOAD X	624 701	10.97-		12	10.97-	11				GLOB UNIF		WV	0	4
1829	LOAD Y	624 701	10.97-		16	10.97-	17				GLOB UNIF		WV	0	4
1830	LOAD Z	624 701	10.97		11	10.97	12				GLOB UNIF		WV	0	4
1831	LOAD Y	701 702	0.00-		26	18.76-	26				GLOB UNIF		WV	0	4
1832	LOAD Z	701 702	0.00		1	18.76	1				GLOB UNIF		WV	0	4
1833	LOAD Y	702 703	0.00-		26	18.76-	26				GLOB UNIF		WV	0	4
1834	LOAD Z	702 703	0.00		1	18.76	1				GLOB UNIF		WV	0	4
1835	LOAD X	703 705	0.00		06	18.75	06				GLOB UNIF		WV	0	4
1836	LOAD Y	703 705	0.00-		03	18.75-	03				GLOB UNIF		WV	0	4
1837	LOAD Z	703 705	0.00-		1	18.75-	03				GLOB UNIF		WV	0	4
1838	LOAD X	705 706	0.00		06	18.76	05				GLOB UNIF		WV	0	4
1839	LOAD Y	705 706	0.00-		03	18.76-	03				GLOB UNIF		WV	0	4
1840	LOAD Z	705 706	0.00-		03	18.76-	04				GLOB UNIF		WV	0	4
1841	LOAD X	701 704	0.00-		06	18.75-	06				GLOB UNIF		WV	0	4
1842	LOAD Y	701 704	0.00-		03	18.75-	03				GLOB UNIF		WV	0	4
1843	LOAD Z	701 704	0.00-		1	18.75-	03				GLOB UNIF		WV	0	4
1844	LOAD X	704 706	0.00-		06	18.76-	05				GLOB UNIF		WV	0	4
1845	LOAD Y	704 706	0.00-		03	18.76-	03				GLOB UNIF		WV	0	4
1846	LOAD Z	704 706	0.00-		03	18.76-	04				GLOB UNIF		WV	0	4
1847	LOAD X	702 704	0.00		05	18.75	05				GLOB UNIF		WV	0	4
1848	LOAD Y	702 704	0.00-		03	18.75-	03				GLOB UNIF		WV	0	4
1849	LOAD Z	702 704	0.00-		1	18.75-	02				GLOB UNIF		WV	0	4
1850	LOAD X	702 705	0.00-		05	18.75-	05				GLOB UNIF		WV	0	4
1851	LOAD Y	702 705	0.00-		03	18.75-	03				GLOB UNIF		WV	0	4
1852	LOAD Z	702 705	0.00-		1	18.75-	02				GLOB UNIF		WV	0	4
1853	LOAD Y	704 705	0.00-		23	18.76-	23				GLOB UNIF		WV	0	4
1854	LOAD Z	704 705	0.00-		02	18.76-	02				GLOB UNIF		WV	0	4
1855	LOAD X	701 806	0.00-		06	18.72-	05				GLOB UNIF		WV	0	4
1856	LOAD Y	701 806	0.00-		12	18.72-	12				GLOB UNIF		WV	0	4
1857	LOAD Z	701 806	0.00-		13	18.72-	13				GLOB UNIF		WV	0	4
1858	LOAD X	701 806	18.72-		05	18.72-	04				GLOB UNIF		WV	0	4
1859	LOAD Y	701 806	18.72-		12	18.72-	11				GLOB UNIF		WV	0	4
1860	LOAD Z	701 806	18.72-		13	18.72-	12				GLOB UNIF		WV	0	4
1861	LOAD X	701 806	35.44-		04	18.72-	03				GLOB UNIF		WV	0	4
1862	LOAD Y	701 806	35.44-		11	18.72-	10				GLOB UNIF		WV	0	4

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8
1863	LOAD Z 701 806 33.44- 12 16.72- 11 GLOB UNIF WV 0 4
1864	LOAD X 703 801 0.00- 02 16.72- 02 GLOB UNIF WV 0 4
1865	LOAD Y 703 801 0.00- 40 16.72- 33 GLOB UNIF WV 0 4
1866	LOAD X 703 801 16.72- 02 16.72- 02 GLOB UNIF WV 0 4
1867	LOAD Y 703 801 16.72- 33 16.72- 29 GLOB UNIF WV 0 4
1868	LOAD X 703 801 33.44- 02 16.72- 1 GLOB UNIF WV 0 4
1869	LOAD Y 703 801 33.44- 29 16.72- 25 GLOB UNIF WV 0 4
1870	LOAD X 706 803 0.00 10 16.72 09 GLOB UNIF WV 0 4
1871	LOAD Y 706 803 0.00- 09 16.72- 10 GLOB UNIF WV 0 4
1872	LOAD Z 706 803 0.00 03 16.72 05 GLOB UNIF WV 0 4
1873	LOAD X 706 803 16.72 09 16.72 08 GLOB UNIF WV 0 4
1874	LOAD Y 706 803 16.72- 10 16.72- 10 GLOB UNIF WV 0 4
1875	LOAD Z 706 803 16.72 05 16.72 06 GLOB UNIF WV 0 4
1876	LOAD X 706 803 33.44 08 16.72 07 GLOB UNIF WV 0 4
1877	LOAD Y 706 803 33.44- 10 16.72- 10 GLOB UNIF WV 0 4
1878	LOAD Z 706 803 33.44 06 16.72 06 GLOB UNIF WV 0 4
1879	LOAD Y 801 802 0.00- 18 22.79- 18 GLOB UNIF WV 0 4
1880	LOAD Y 802 803 0.00- 18 22.79- 18 GLOB UNIF WV 0 4
1881	LOAD X 803 805 0.00 04 22.79 04 GLOB UNIF WV 0 4
1882	LOAD Y 803 805 0.00- 02 22.79- 02 GLOB UNIF WV 0 4
1883	LOAD Z 803 805 0.00- 1 22.79- 02 GLOB UNIF WV 0 4
1884	LOAD X 805 806 0.00 04 22.80 03 GLOB UNIF WV 0 4
1885	LOAD Y 805 806 0.00- 02 22.80- 02 GLOB UNIF WV 0 4
1886	LOAD Z 805 806 0.00- 02 22.80- 03 GLOB UNIF WV 0 4
1887	LOAD X 801 804 0.00- 04 22.79- 04 GLOB UNIF WV 0 4
1888	LOAD Y 801 804 0.00- 02 22.79- 02 GLOB UNIF WV 0 4
1889	LOAD Z 801 804 0.00- 1 22.79- 02 GLOB UNIF WV 0 4
1890	LOAD X 804 806 0.00- 04 22.80- 03 GLOB UNIF WV 0 4
1891	LOAD Y 804 806 0.00- 02 22.80- 02 GLOB UNIF WV 0 4
1892	LOAD Z 804 806 0.00- 02 22.80- 03 GLOB UNIF WV 0 4
1893	LOAD X 802 804 0.00 03 22.80 03 GLOB UNIF WV 0 4
1894	LOAD Y 802 804 0.00- 02 22.80- 02 GLOB UNIF WV 0 4
1895	LOAD Z 802 804 0.00- 1 22.80- 1 GLOB UNIF WV 0 4
1896	LOAD X 802 805 0.00- 03 22.80- 03 GLOB UNIF WV 0 4
1897	LOAD Y 802 805 0.00- 02 22.80- 02 GLOB UNIF WV 0 4
1898	LOAD Z 802 805 0.00- 1 22.80- 1 GLOB UNIF WV 0 4
1899	LOAD Y 804 805 0.00- 14 22.80- 14 GLOB UNIF WV 0 4
1900	LOAD Z 804 805 0.00- 1 22.80- 1 GLOB UNIF WV 0 4
1901	LOAD X 801 903 0.00 1 19.87 1 GLOB UNIF WV 0 4
1902	LOAD Y 801 903 0.00- 25 19.87- 21 GLOB UNIF WV 0 4
1903	LOAD X 801 903 19.87 1 19.87 1 GLOB UNIF WV 0 4
1904	LOAD Y 801 903 19.87- 21 19.87- 16 GLOB UNIF WV 0 4
1905	LOAD X 801 903 39.73 1 19.87 1 GLOB UNIF WV 0 4
1906	LOAD Y 801 903 39.73- 16 19.87- 16 GLOB UNIF WV 0 4
1907	LOAD X 803 906 0.00 04 19.87 03 GLOB UNIF WV 0 4
1908	LOAD Y 803 906 0.00- 06 19.87- 07 GLOB UNIF WV 0 4
1909	LOAD Z 803 906 0.00- 06 19.87- 06 GLOB UNIF WV 0 4
1910	LOAD X 803 906 19.87 03 19.87 03 GLOB UNIF WV 0 4
1911	LOAD Y 803 906 19.87- 07 19.87- 06 GLOB UNIF WV 0 4

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0												
1912	LOAD Z 803 906	19.87-	06	19.87-	07				GLOB UNIF	WV 0 4			
1913	LOAD X 803 906	39.73	03	19.87	02				GLOB UNIF	WV 0 4			
1914	LOAD Y 803 906	39.73-	06	19.87-	05				GLOB UNIF	WV 0 4			
1915	LOAD Z 803 906	39.73-	07	19.87-	05				GLOB UNIF	WV 0 4			
1916	LOAD X 806 901	0.00-	06	19.87-	06				GLOB UNIF	WV 0 4			
1917	LOAD Y 806 901	0.00-	05	19.87-	06				GLOB UNIF	WV 0 4			
1918	LOAD Z 806 901	0.00	1	19.87	03				GLOB UNIF	WV 0 4			
1919	LOAD X 806 901	19.87-	06	19.87-	05				GLOB UNIF	WV 0 4			
1920	LOAD Y 806 901	19.87-	06	19.87-	06				GLOB UNIF	WV 0 4			
1921	LOAD Z 806 901	19.87	03	19.87	04				GLOB UNIF	WV 0 4			
1922	LOAD X 806 901	39.74-	05	19.87-	04				GLOB UNIF	WV 0 4			
1923	LOAD Y 806 901	39.74-	06	19.87-	06				GLOB UNIF	WV 0 4			
1924	LOAD Z 806 901	39.74	04	19.87	04				GLOB UNIF	WV 0 4			
1925	LOAD Y 901 902	0.00-	13	27.42-	13				GLOB UNIF	WV 0 4			
1926	LOAD Y 902 903	0.00-	13	27.42-	13				GLOB UNIF	WV 0 4			
1927	LOAD X 903 905	0.00	03	27.41	03				GLOB UNIF	WV 0 4			
1928	LOAD Y 903 905	0.00-	02	27.41-	02				GLOB UNIF	WV 0 4			
1929	LOAD Z 903 905	0.00-	1	27.41-	1				GLOB UNIF	WV 0 4			
1930	LOAD X 905 906	0.00	03	27.42	02				GLOB UNIF	WV 0 4			
1931	LOAD Y 905 906	0.00-	02	27.42-	1				GLOB UNIF	WV 0 4			
1932	LOAD Z 905 906	0.00-	1	27.42-	02				GLOB UNIF	WV 0 4			
1933	LOAD X 901 904	0.00-	03	27.41-	03				GLOB UNIF	WV 0 4			
1934	LOAD Y 901 904	0.00-	02	27.41-	02				GLOB UNIF	WV 0 4			
1935	LOAD Z 901 904	0.00-	1	27.41-	1				GLOB UNIF	WV 0 4			
1936	LOAD X 904 906	0.00-	03	27.42-	02				GLOB UNIF	WV 0 4			
1937	LOAD Y 904 906	0.00-	02	27.42-	1				GLOB UNIF	WV 0 4			
1938	LOAD Z 904 906	0.00-	1	27.42-	02				GLOB UNIF	WV 0 4			
1939	LOAD X 902 904	0.00	02	27.41	02				GLOB UNIF	WV 0 4			
1940	LOAD Y 902 904	0.00-	1	27.41-	1				GLOB UNIF	WV 0 4			
1941	LOAD Z 902 904	0.00		27.41-	1				GLOB UNIF	WV 0 4			
1942	LOAD X 902 905	0.00-	02	27.41-	02				GLOB UNIF	WV 0 4			
1943	LOAD Y 902 905	0.00-	1	27.41-	1				GLOB UNIF	WV 0 4			
1944	LOAD Z 902 905	0.00		27.41-	1				GLOB UNIF	WV 0 4			
1945	LOAD Y 904 905	0.00-	09	27.42-	09				GLOB UNIF	WV 0 4			
1946	LOAD Z 904 905	0.00-	1	27.42-	1				GLOB UNIF	WV 0 4			
1947	LOAD X 9011002	0.00	1	14.08	1				GLOB UNIF	WV 0 4			
1948	LOAD Y 9011002	0.00-	14	14.08-	13				GLOB UNIF	WV 0 4			
1949	LOAD X 9011002	14.08	1	14.08	1				GLOB UNIF	WV 0 4			
1950	LOAD Y 9011002	14.08-	13	14.08-	12				GLOB UNIF	WV 0 4			
1951	LOAD X 9011002	28.15	1	14.08					GLOB UNIF	WV 0 4			
1952	LOAD Y 9011002	28.15-	12	14.08-	10				GLOB UNIF	WV 0 4			
1953	LOAD X 9031002	0.00-	1	14.08-	1				GLOB UNIF	WV 0 4			
1954	LOAD Y 9031002	0.00-	14	14.08-	13				GLOB UNIF	WV 0 4			
1955	LOAD X 9031002	14.08-	1	14.08-	1				GLOB UNIF	WV 0 4			
1956	LOAD Y 9031002	14.08-	13	14.08-	12				GLOB UNIF	WV 0 4			
1957	LOAD X 9031002	28.15-	1	14.08					GLOB UNIF	WV 0 4			
1958	LOAD Y 9031002	28.15-	12	14.08-	10				GLOB UNIF	WV 0 4			
1959	LOAD X 9031005	0.00	02	14.08	1				GLOB UNIF	WV 0 4			
1960	LOAD Y 9031005	0.00-	08	14.08-	07				GLOB UNIF	WV 0 4			

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAT 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
1961	LOAD Z 9031005	0.00-	05	14.08-	05					GLOB UNIF		WV 0 4			
1962	LOAD X 9031005	14.08	1	14.08	1					GLOB UNIF		WV 0 4			
1963	LOAD Y 9031005	14.08-	07	14.08-	06					GLOB UNIF		WV 0 4			
1964	LOAD Z 9031005	14.08-	05	14.08-	04					GLOB UNIF		WV 0 4			
1965	LOAD X 9031005	28.15	1	14.08	1					GLOB UNIF		WV 0 4			
1966	LOAD Y 9031005	28.15-	06	14.08-	05					GLOB UNIF		WV 0 4			
1967	LOAD Z 9031005	28.15-	04	14.08-	03					GLOB UNIF		WV 0 4			
1968	LOAD X 9061005	0.00	03	14.07	02					GLOB UNIF		WV 0 4			
1969	LOAD Y 9061005	0.00-	06	14.07-	06					GLOB UNIF		WV 0 4			
1970	LOAD Z 9061005	0.00	03	14.07	03					GLOB UNIF		WV 0 4			
1971	LOAD X 9061005	14.07	02	14.07	02					GLOB UNIF		WV 0 4			
1972	LOAD Y 9061005	14.07-	06	14.07-	06					GLOB UNIF		WV 0 4			
1973	LOAD Z 9061005	14.07	03	14.07	03					GLOB UNIF		WV 0 4			
1974	LOAD X 9061005	28.15	02	14.07	02					GLOB UNIF		WV 0 4			
1975	LOAD Y 9061005	28.15-	06	14.07-	06					GLOB UNIF		WV 0 4			
1976	LOAD Z 9061005	28.15	03	14.07	03					GLOB UNIF		WV 0 4			
1977	LOAD X 9011004	0.00-	02	14.08-	1					GLOB UNIF		WV 0 4			
1978	LOAD Y 9011004	0.00-	08	14.08-	07					GLOB UNIF		WV 0 4			
1979	LOAD Z 9011004	0.00-	05	14.08-	05					GLOB UNIF		WV 0 4			
1980	LOAD X 9011004	14.08-	1	14.08-	1					GLOB UNIF		WV 0 4			
1981	LOAD Y 9011004	14.08-	07	14.08-	06					GLOB UNIF		WV 0 4			
1982	LOAD Z 9011004	14.08-	05	14.08-	04					GLOB UNIF		WV 0 4			
1983	LOAD X 9011004	28.15-	1	14.08-	1					GLOB UNIF		WV 0 4			
1984	LOAD Y 9011004	28.15-	06	14.08-	05					GLOB UNIF		WV 0 4			
1985	LOAD Z 9011004	28.15-	04	14.08-	03					GLOB UNIF		WV 0 4			
1986	LOAD X 9061004	0.00-	03	14.07-	02					GLOB UNIF		WV 0 4			
1987	LOAD Y 9061004	0.00-	06	14.07-	06					GLOB UNIF		WV 0 4			
1988	LOAD Z 9061004	0.00	03	14.07	03					GLOB UNIF		WV 0 4			
1989	LOAD X 9061004	14.07-	02	14.07-	02					GLOB UNIF		WV 0 4			
1990	LOAD Y 9061004	14.07-	06	14.07-	06					GLOB UNIF		WV 0 4			
1991	LOAD Z 9061004	14.07	03	14.07	03					GLOB UNIF		WV 0 4			
1992	LOAD X 9061004	28.15-	02	14.07-	02					GLOB UNIF		WV 0 4			
1993	LOAD Y 9061004	28.15-	06	14.07-	06					GLOB UNIF		WV 0 4			
1994	LOAD Z 9061004	28.15	03	14.07	03					GLOB UNIF		WV 0 4			
1995	LOAD Y 10011002	0.00-	11	32.04-	11					GLOB UNIF		WV 0 4			
1996	LOAD Y 10021003	0.00-	11	32.04-	11					GLOB UNIF		WV 0 4			
1997	LOAD X 10031005	0.00	03	16.02	03					GLOB UNIF		WV 0 4			
1998	LOAD Y 10031005	0.00-	02	16.02-	1					GLOB UNIF		WV 0 4			
1999	LOAD X 10031005	16.02	03	16.02	02					GLOB UNIF		WV 0 4			
2000	LOAD Y 10031005	16.02-	1	16.02-	1					GLOB UNIF		WV 0 4			
2001	LOAD X 10051006	0.00	02	16.02	02					GLOB UNIF		WV 0 4			
2002	LOAD Y 10051006	0.00-	1	16.02-	1					GLOB UNIF		WV 0 4			
2003	LOAD X 10051006	16.02	02	16.02	1					GLOB UNIF		WV 0 4			
2004	LOAD Y 10051006	16.02-	1	16.02-	1					GLOB UNIF		WV 0 4			
2005	LOAD X 10011004	0.00-	03	16.02-	03					GLOB UNIF		WV 0 4			
2006	LOAD Y 10011004	0.00-	02	16.02-	1					GLOB UNIF		WV 0 4			
2007	LOAD X 10011004	16.02-	03	16.02-	02					GLOB UNIF		WV 0 4			
2008	LOAD Y 10011004	16.02-	1	16.02-	1					GLOB UNIF		WV 0 4			
2009	LOAD X 10041006	0.00-	02	16.02-	02					GLOB UNIF		WV 0 4			

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM 83 + 84 - MAL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2010	LOAD Y	10041006	0.00-	1	16.02-	1					GLOB	UNIF		WV 0 4	
2011	LOAD X	10041006	16.02-	02	16.02-	1					GLOB	UNIF		WV 0 4	
2012	LOAD Y	10041006	16.02-	1	16.02-	1					GLOB	UNIF		WV 0 4	
2013	LOAD X	10021004	0.00	02	16.02	02					GLOB	UNIF		WV 0 4	
2014	LOAD Y	10021004	0.00-	1	16.02-	1					GLOB	UNIF		WV 0 4	
2015	LOAD X	10021004	16.02	02	16.02	02					GLOB	UNIF		WV 0 4	
2016	LOAD Y	10021004	16.02-	1	16.02-	1					GLOB	UNIF		WV 0 4	
2017	LOAD X	10021005	0.00-	02	16.02-	02					GLOB	UNIF		WV 0 4	
2018	LOAD Y	10021005	0.00-	1	16.02-	1					GLOB	UNIF		WV 0 4	
2019	LOAD X	10021005	16.02-	02	16.02-	02					GLOB	UNIF		WV 0 4	
2020	LOAD Y	10021005	16.02-	1	16.02-	1					GLOB	UNIF		WV 0 4	
2021	LOAD Y	10041005	0.00-	08	32.04-	08					GLOB	UNIF		WV 0 4	
2022	LOAD Y	301 401	16.16-	82	4.11-	76					GLOB	UNIF		WV 0 4	
2023	LOAD Y	301 401	20.27-	76	4.11-	70					GLOB	UNIF		WV 0 4	
2024	LOAD Y	301 401	24.39-	70	4.11-	65					GLOB	UNIF		WV 0 4	
2025	LOAD Y	303 403	16.16-	82	4.11-	76					GLOB	UNIF		WV 0 4	
2026	LOAD Y	303 403	20.27-	76	4.11-	70					GLOB	UNIF		WV 0 4	
2027	LOAD Y	303 403	24.39-	70	4.11-	65					GLOB	UNIF		WV 0 4	
2028	LOAD Y	306 406	15.34-	81	4.39-	74					GLOB	UNIF		WV 0 4	
2029	LOAD Y	306 406	19.73-	74	4.39-	68					GLOB	UNIF		WV 0 4	
2030	LOAD Y	306 406	24.11-	68	4.39-	63					GLOB	UNIF		WV 0 4	
2031	LOAD X	401 501	0.00-	03	4.56-	03					GLOB	UNIF		WV 0 4	
2032	LOAD Y	401 501	0.00-	100	4.56-	98					GLOB	UNIF		WV 0 4	
2033	LOAD Z	401 501	0.00	09	4.56	08					GLOB	UNIF		WV 0 4	
2034	LOAD X	403 503	0.00	03	4.56	03					GLOB	UNIF		WV 0 4	
2035	LOAD Y	403 503	0.00-	100	4.56-	98					GLOB	UNIF		WV 0 4	
2036	LOAD Z	403 503	0.00	09	4.56	08					GLOB	UNIF		WV 0 4	
2037	LOAD Y	406 506	0.00-	103	4.56-	94					GLOB	UNIF		WV 0 4	
2038	LOAD Z	406 506	0.00-	17	4.56-	16					GLOB	UNIF		WV 0 4	
2039	LOAD X	501 601	0.00-	03	6.08-	02					GLOB	UNIF		WV 0 4	
2040	LOAD Y	501 601	0.00-	97	6.08-	86					GLOB	UNIF		WV 0 4	
2041	LOAD Z	501 601	0.00	08	6.08	07					GLOB	UNIF		WV 0 4	
2042	LOAD X	503 603	0.00	03	6.08	02					GLOB	UNIF		WV 0 4	
2043	LOAD Y	503 603	0.00-	97	6.08-	86					GLOB	UNIF		WV 0 4	
2044	LOAD Z	503 603	0.00	08	6.08	07					GLOB	UNIF		WV 0 4	
2045	LOAD Y	506 606	0.00-	93	3.04-	88					GLOB	UNIF		WV 0 4	
2046	LOAD Z	506 606	0.00-	16	3.04-	15					GLOB	UNIF		WV 0 4	
2047	LOAD Y	506 606	3.04-	88	3.04-	84					GLOB	UNIF		WV 0 4	
2048	LOAD Z	506 606	3.04-	15	3.04-	14					GLOB	UNIF		WV 0 4	
2049	LOAD X	601 621	0.00-	02	6.08-	02					GLOB	UNIF		WV 0 4	
2050	LOAD Y	601 621	0.00-	86	6.08-	79					GLOB	UNIF		WV 0 4	
2051	LOAD Z	601 621	0.00	07	6.08	06					GLOB	UNIF		WV 0 4	
2052	LOAD X	603 623	0.00	02	6.08	02					GLOB	UNIF		WV 0 4	
2053	LOAD Y	603 623	0.00-	86	6.08-	79					GLOB	UNIF		WV 0 4	
2054	LOAD Z	603 623	0.00	07	6.08	06					GLOB	UNIF		WV 0 4	
2055	LOAD Y	606 626	0.00-	84	3.04-	79					GLOB	UNIF		WV 0 4	
2056	LOAD Z	606 626	0.00-	14	3.04-	13					GLOB	UNIF		WV 0 4	
2057	LOAD Y	606 626	3.04-	79	3.04-	75					GLOB	UNIF		WV 0 4	
2058	LOAD Z	606 626	3.04-	13	3.04-	12					GLOB	UNIF		WV 0 4	

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1	2	3	4	5	6	7	8
2059	LOAD X 621 651	0.00- 05	6.08- 05			GLOB UNIF	WV 0 4	
2060	LOAD Y 621 651	0.00- 117	6.08- 106			GLOB UNIF	WV 0 4	
2061	LOAD Z 621 651	0.00 09	6.08 08			GLOB UNIF	WV 0 4	
2062	LOAD X 623 653	0.00 05	6.08 05			GLOB UNIF	WV 0 4	
2063	LOAD Y 623 653	0.00- 117	6.08- 106			GLOB UNIF	WV 0 4	
2064	LOAD Z 623 653	0.00 09	6.08 08			GLOB UNIF	WV 0 4	
2065	LOAD Y 626 656	0.00- 108	3.04- 103			GLOB UNIF	WV 0 4	
2066	LOAD Z 626 656	0.00- 18	3.04- 17			GLOB UNIF	WV 0 4	
2067	LOAD Y 626 656	3.04- 103	3.04- 97			GLOB UNIF	WV 0 4	
2068	LOAD Z 626 656	3.04- 17	3.04- 16			GLOB UNIF	WV 0 4	
2069	LOAD X 651 701	0.00- 05	3.55- 05			GLOB UNIF	WV 0 4	
2070	LOAD Y 651 701	0.00- 106	3.55- 100			GLOB UNIF	WV 0 4	
2071	LOAD Z 651 701	0.00 08	3.55 08			GLOB UNIF	WV 0 4	
2072	LOAD X 651 701	3.55- 05	3.55- 04			GLOB UNIF	WV 0 4	
2073	LOAD Y 651 701	3.55- 100	3.55- 94			GLOB UNIF	WV 0 4	
2074	LOAD Z 651 701	3.55 08	3.55 07			GLOB UNIF	WV 0 4	
2075	LOAD X 653 703	0.00 05	3.55 05			GLOB UNIF	WV 0 4	
2076	LOAD Y 653 703	0.00- 106	3.55- 100			GLOB UNIF	WV 0 4	
2077	LOAD Z 653 703	0.00 08	3.55 08			GLOB UNIF	WV 0 4	
2078	LOAD X 653 703	3.55 05	3.55 04			GLOB UNIF	WV 0 4	
2079	LOAD Y 653 703	3.55- 100	3.55- 94			GLOB UNIF	WV 0 4	
2080	LOAD Z 653 703	3.55 08	3.55 07			GLOB UNIF	WV 0 4	
2081	LOAD Y 656 706	0.00- 97	3.55- 90			GLOB UNIF	WV 0 4	
2082	LOAD Z 656 706	0.00- 16	3.55- 15			GLOB UNIF	WV 0 4	
2083	LOAD Y 656 706	3.55- 90	3.55- 84			GLOB UNIF	WV 0 4	
2084	LOAD Z 656 706	3.55- 15	3.55- 14			GLOB UNIF	WV 0 4	
2085	LOAD X 701 801	0.00- 04	9.46- 03			GLOB UNIF	WV 0 4	
2086	LOAD Y 701 801	0.00- 90	9.46- 76			GLOB UNIF	WV 0 4	
2087	LOAD Z 701 801	0.00 07	9.46 06			GLOB UNIF	WV 0 4	
2088	LOAD X 701 801	9.46- 03	9.46- 03			GLOB UNIF	WV 0 4	
2089	LOAD Y 701 801	9.46- 76	9.46- 66			GLOB UNIF	WV 0 4	
2090	LOAD Z 701 801	9.46 06	9.46 05			GLOB UNIF	WV 0 4	
2091	LOAD X 701 801	18.92- 03	9.46- 03			GLOB UNIF	WV 0 4	
2092	LOAD Y 701 801	18.92- 66	9.46- 57			GLOB UNIF	WV 0 4	
2093	LOAD Z 701 801	18.92 05	9.46 04			GLOB UNIF	WV 0 4	
2094	LOAD X 703 803	0.00 04	9.46 03			GLOB UNIF	WV 0 4	
2095	LOAD Y 703 803	0.00- 90	9.46- 76			GLOB UNIF	WV 0 4	
2096	LOAD Z 703 803	0.00 07	9.46 06			GLOB UNIF	WV 0 4	
2097	LOAD X 703 803	9.46 03	9.46 03			GLOB UNIF	WV 0 4	
2098	LOAD Y 703 803	9.46- 76	9.46- 66			GLOB UNIF	WV 0 4	
2099	LOAD Z 703 803	9.46 06	9.46 05			GLOB UNIF	WV 0 4	
2100	LOAD X 703 803	18.92 03	9.46 03			GLOB UNIF	WV 0 4	
2101	LOAD Y 703 803	18.92- 66	9.46- 57			GLOB UNIF	WV 0 4	
2102	LOAD Z 703 803	18.92 05	9.46 04			GLOB UNIF	WV 0 4	
2103	LOAD Y 706 806	0.00- 81	9.46- 67			GLOB UNIF	WV 0 4	
2104	LOAD Z 706 806	0.00- 13	9.46- 11			GLOB UNIF	WV 0 4	
2105	LOAD Y 706 806	9.46- 67	9.46- 56			GLOB UNIF	WV 0 4	
2106	LOAD Z 706 806	9.46- 11	9.46- 09			GLOB UNIF	WV 0 4	
2107	LOAD Y 706 806	18.92- 56	9.46- 46			GLOB UNIF	WV 0 4	

STRAN INPUT DATA

U.S. NAVY - ALMR PLATFORMS - PLATFORM #3 + #4 - MAT 105.0 FEET - OPERATIONAL STA

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2108	LOAD Z	706 806	18.92-	09	9.46-	08					GLOB UNIF		WV	0	4
2109	LOAD X	801 901	0.00-	03	10.81-	02					GLOB UNIF		WV	0	4
2110	LOAD Y	801 901	0.00-	57	10.81-	49					GLOB UNIF		WV	0	4
2111	LOAD Z	801 901	0.00	04	10.81	04					GLOB UNIF		WV	0	4
2112	LOAD X	801 901	10.81-	02	10.81-	02					GLOB UNIF		WV	0	4
2113	LOAD Y	801 901	10.81-	49	10.81-	43					GLOB UNIF		WV	0	4
2114	LOAD Z	801 901	10.81	04	10.81	03					GLOB UNIF		WV	0	4
2115	LOAD X	801 901	21.63-	02	10.81-	1					GLOB UNIF		WV	0	4
2116	LOAD Y	801 901	21.63-	45	10.81-	38					GLOB UNIF		WV	0	4
2117	LOAD Z	801 901	21.63	03	10.81	03					GLOB UNIF		WV	0	4
2118	LOAD X	803 903	0.00	03	10.81	02					GLOB UNIF		WV	0	4
2119	LOAD Y	803 903	0.00-	57	10.81-	49					GLOB UNIF		WV	0	4
2120	LOAD Z	803 903	0.00	04	10.81	04					GLOB UNIF		WV	0	4
2121	LOAD X	803 903	10.81	02	10.81	02					GLOB UNIF		WV	0	4
2122	LOAD Y	803 903	10.81-	49	10.81-	43					GLOB UNIF		WV	0	4
2123	LOAD Z	803 903	10.81	04	10.81	03					GLOB UNIF		WV	0	4
2124	LOAD X	803 903	21.63	02	10.81	1					GLOB UNIF		WV	0	4
2125	LOAD Y	803 903	21.63-	45	10.81-	38					GLOB UNIF		WV	0	4
2126	LOAD Z	803 903	21.63	03	10.81	03					GLOB UNIF		WV	0	4
2127	LOAD Y	806 906	0.00-	46	10.81-	38					GLOB UNIF		WV	0	4
2128	LOAD Z	806 906	0.00-	08	10.81-	06					GLOB UNIF		WV	0	4
2129	LOAD Y	806 906	10.81-	38	10.81-	31					GLOB UNIF		WV	0	4
2130	LOAD Z	806 906	10.81-	06	10.81-	05					GLOB UNIF		WV	0	4
2131	LOAD Y	806 906	21.63-	31	10.81-	26					GLOB UNIF		WV	0	4
2132	LOAD Z	806 906	21.63-	05	10.81-	04					GLOB UNIF		WV	0	4
2133	LOAD X	9011001	0.00-	1	10.81-	1					GLOB UNIF		WV	0	4
2134	LOAD Y	9011001	0.00-	38	10.81-	35					GLOB UNIF		WV	0	4
2135	LOAD Z	9011001	0.00	03	10.81	03					GLOB UNIF		WV	0	4
2136	LOAD X	9011001	10.81-	1	10.81-	1					GLOB UNIF		WV	0	4
2137	LOAD Y	9011001	10.81-	35	10.81-	32					GLOB UNIF		WV	0	4
2138	LOAD Z	9011001	10.81	03	10.81	03					GLOB UNIF		WV	0	4
2139	LOAD X	9011001	21.63-	1	10.81						GLOB UNIF		WV	0	4
2140	LOAD Y	9011001	21.63-	32	10.81-	29					GLOB UNIF		WV	0	4
2141	LOAD Z	9011001	21.63	03	10.81	02					GLOB UNIF		WV	0	4
2142	LOAD X	9031003	0.00	1	10.81	1					GLOB UNIF		WV	0	4
2143	LOAD Y	9031003	0.00-	38	10.81-	35					GLOB UNIF		WV	0	4
2144	LOAD Z	9031003	0.00	03	10.81	03					GLOB UNIF		WV	0	4
2145	LOAD X	9031003	10.81	1	10.81	1					GLOB UNIF		WV	0	4
2146	LOAD Y	9031003	10.81-	35	10.81-	32					GLOB UNIF		WV	0	4
2147	LOAD Z	9031003	10.81	03	10.81	03					GLOB UNIF		WV	0	4
2148	LOAD X	9031003	21.63	1	10.81						GLOB UNIF		WV	0	4
2149	LOAD Y	9031003	21.63-	32	10.81-	29					GLOB UNIF		WV	0	4
2150	LOAD Z	9031003	21.63	03	10.81	02					GLOB UNIF		WV	0	4
2151	LOAD Y	9061006	0.00-	26	10.81-	21					GLOB UNIF		WV	0	4
2152	LOAD Z	9061006	0.00-	04	10.81-	03					GLOB UNIF		WV	0	4
2153	LOAD Y	9061006	10.81-	21	10.81-	17					GLOB UNIF		WV	0	4
2154	LOAD Z	9061006	10.81-	03	10.81-	03					GLOB UNIF		WV	0	4
2155	LOAD Y	9061006	21.63-	17	10.81-	12					GLOB UNIF		WV	0	4
2156	LOAD Z	9061006	21.63-	03	10.81-	02					GLOB UNIF		WV	0	4

LINE NO.	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0
2157	LOADCN 5
2158	LOAD Z 101 102 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2159	LOAD Z 102 103 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2160	LOAD Z 103 105 0.00 -.055 14.49 -.055 GLOB UNIF DL 0 5
2161	LOAD Z 105 106 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2162	LOAD Z 101 104 0.00 -.055 14.49 -.055 GLOB UNIF DL 0 5
2163	LOAD Z 104 106 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2164	LOAD Z 102 104 0.00 -.024 14.49 -.024 GLOB UNIF DL 0 5
2165	LOAD Z 102 105 0.00 -.024 14.49 -.024 GLOB UNIF DL 0 5
2166	LOAD Z 104 105 0.00 -.024 14.50 -.024 GLOB UNIF DL 0 5
2167	LOAD Z 201 202 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2168	LOAD Z 202 203 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2169	LOAD Z 203 205 0.00 -.055 14.49 -.055 GLOB UNIF DL 0 5
2170	LOAD Z 205 206 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2171	LOAD Z 201 204 0.00 -.055 14.49 -.055 GLOB UNIF DL 0 5
2172	LOAD Z 204 206 0.00 -.055 14.50 -.055 GLOB UNIF DL 0 5
2173	LOAD Z 202 204 0.00 -.024 14.49 -.024 GLOB UNIF DL 0 5
2174	LOAD Z 202 205 0.00 -.024 14.49 -.024 GLOB UNIF DL 0 5
2175	LOAD Z 204 205 0.00 -.024 14.50 -.024 GLOB UNIF DL 0 5
2176	LOAD Z 201 303 0.00 -.065 32.65 -.065 GLOB UNIF DL 0 5
2177	LOAD Z 203 306 0.00 -.065 32.65 -.065 GLOB UNIF DL 0 5
2178	LOAD Z 206 301 0.00 -.065 32.65 -.065 GLOB UNIF DL 0 5
2179	LOAD Z 301 403 0.00 -.065 40.66 -.065 GLOB UNIF DL 0 5
2180	LOAD Z 106 201 0.00 -.065 32.65 -.065 GLOB UNIF DL 0 5
2181	LOAD Z 301 303 0.00 -.065 29.00 -.065 GLOB UNIF DL 0 5
2182	LOAD Z 303 306 0.00 -.065 29.00 -.065 GLOB UNIF DL 0 5
2183	LOAD Z 301 306 0.00 -.065 29.00 -.065 GLOB UNIF DL 0 5
2184	LOAD Z 501 502 0.00 -.103 15.15 -.103 GLOB UNIF DL 0 5
2185	LOAD Z 502 503 0.00 -.103 15.15 -.103 GLOB UNIF DL 0 5
2186	LOAD Z 503 505 0.00 -.103 15.15 -.103 GLOB UNIF DL 0 5
2187	LOAD Z 505 505 0.00 -.103 15.15 -.103 GLOB UNIF DL 0 5
2188	LOAD Z 501 504 0.00 -.103 15.15 -.103 GLOB UNIF DL 0 5
2189	LOAD Z 504 506 0.00 -.103 15.15 -.103 GLOB UNIF DL 0 5
2190	LOAD Z 502 504 0.00 -.040 15.15 -.040 GLOB UNIF DL 0 5
2191	LOAD Z 502 505 0.00 -.040 15.15 -.040 GLOB UNIF DL 0 5
2192	LOAD Z 504 505 0.00 -.040 15.15 -.040 GLOB UNIF DL 0 5
2193	LOAD Z 501 507 0.00 -.170 2.54 -.170 GLOB UNIF DL 0 5
2194	LOAD Z 507 510 0.00 -.170 2.54 -.170 GLOB UNIF DL 0 5
2195	LOAD Z 503 508 0.00 -.170 2.54 -.170 GLOB UNIF DL 0 5
2196	LOAD Z 508 511 0.00 -.170 2.54 -.170 GLOB UNIF DL 0 5
2197	LOAD Z 506 509 0.00 -.170 2.54 -.170 GLOB UNIF DL 0 5
2198	LOAD Z 509 512 0.00 -.170 2.54 -.170 GLOB UNIF DL 0 5
2199	LOAD Z 501 513 0.00 -.065 2.99 -.065 GLOB UNIF DL 0 5
2200	LOAD Z 503 514 0.00 -.065 2.99 -.065 GLOB UNIF DL 0 5
2201	LOAD Z 513 651 0.00 -.093 0.00 -.093 GLOB UNIF DL 0 5
2202	LOAD Z 513 651 0.00 .020 11.40 .020 GLOB UNIF DL 0 5
2203	LOAD Z 514 653 0.00 -.093 0.00 -.093 GLOB UNIF DL 0 5
2204	LOAD Z 514 653 0.00 .020 11.40 .020 GLOB UNIF DL 0 5
2205	LOAD Z 501 511 0.00 -.069 0.00 -.069 GLOB UNIF DL 0 5

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - HWL 105.0 FEET - OPERATIONAL STM

LINE NO.	1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0							
2206	LOAD Z	603 613	0.00	-.089	6.00	-.089	GLOB UNIF	DL 0 5
2207	LOAD Z	651 661	0.00	-.049	5.00	-.049	GLOB UNIF	DL 0 5
2208	LOAD Z	653 663	0.00	-.049	5.00	-.049	GLOB UNIF	DL 0 5
2209	LOAD Z	611 612	0.00	-.043	16.01	-.043	GLOB UNIF	DL 0 5
2210	LOAD Z	612 613	0.00	-.043	16.01	-.043	GLOB UNIF	DL 0 5
2211	LOAD Z	661 662	0.00	-.017	17.74	-.017	GLOB UNIF	DL 0 5
2212	LOAD Z	662 663	0.00	-.017	17.74	-.017	GLOB UNIF	DL 0 5
2213	LOAD Z	611 661	0.00	-.089	.01	-.089	GLOB UNIF	DL 0 5
2214	LOAD Z	611 661	.01	-.049	11.52	-.049	GLOB UNIF	DL 0 5
2215	LOAD Z	612 662	0.00	-.089	.01	-.089	GLOB UNIF	DL 0 5
2216	LOAD Z	612 662	.60	-.049	11.40	-.049	GLOB UNIF	DL 0 5
2217	LOAD Z	613 663	0.00	-.089	.01	-.089	GLOB UNIF	DL 0 5
2218	LOAD Z	613 663	.01	-.049	11.52	-.049	GLOB UNIF	DL 0 5
2219	LOAD Z	501 622	0.00	-.129	11.23	-.129	GLOB UNIF	DL 0 5
2220	LOAD Z	501 622	11.23	.010	9.18	.010	GLOB UNIF	DL 0 5
2221	LOAD Z	622 703	0.00	.010	21.77	.010	GLOB UNIF	DL 0 5
2222	LOAD Z	503 625	0.00	-.129	11.14	-.129	GLOB UNIF	DL 0 5
2223	LOAD Z	503 625	11.14	.010	9.11	.010	GLOB UNIF	DL 0 5
2224	LOAD Z	625 706	0.00	.010	21.93	.010	GLOB UNIF	DL 0 5
2225	LOAD Z	506 624	0.00	-.129	11.13	-.129	GLOB UNIF	DL 0 5
2226	LOAD Z	506 624	11.13	.010	9.11	.010	GLOB UNIF	DL 0 5
2227	LOAD Z	624 701	0.00	.010	21.94	.010	GLOB UNIF	DL 0 5
2228	LOAD Z	701 702	0.00	-.009	18.76	-.009	GLOB UNIF	DL 0 5
2229	LOAD Z	702 703	0.00	-.009	18.76	-.009	GLOB UNIF	DL 0 5
2230	LOAD Z	703 705	0.00	-.009	18.75	-.009	GLOB UNIF	DL 0 5
2231	LOAD Z	705 706	0.00	-.009	18.76	-.009	GLOB UNIF	DL 0 5
2232	LOAD Z	701 704	0.00	-.009	18.75	-.009	GLOB UNIF	DL 0 5
2233	LOAD Z	704 706	0.00	-.009	18.76	-.009	GLOB UNIF	DL 0 5
2234	LOAD Z	701 707	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2235	LOAD Z	707 710	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2236	LOAD Z	703 708	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2237	LOAD Z	708 711	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2238	LOAD Z	705 709	0.00	-.148	2.53	-.148	GLOB UNIF	DL 0 5
2239	LOAD Z	709 712	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2240	LOAD Z	701 801	0.00	.010	50.16	.010	GLOB UNIF	DL 0 5
2241	LOAD Z	703 801	0.00	.010	50.16	.010	GLOB UNIF	DL 0 5
2242	LOAD Z	705 803	0.00	.010	50.16	.010	GLOB UNIF	DL 0 5
2243	LOAD Z	801 802	0.00	-.004	22.79	-.004	GLOB UNIF	DL 0 5
2244	LOAD Z	802 803	0.00	-.004	22.79	-.004	GLOB UNIF	DL 0 5
2245	LOAD Z	803 805	0.00	-.004	22.79	-.004	GLOB UNIF	DL 0 5
2246	LOAD Z	805 806	0.00	-.004	22.80	-.004	GLOB UNIF	DL 0 5
2247	LOAD Z	801 804	0.00	-.004	22.79	-.004	GLOB UNIF	DL 0 5
2248	LOAD Z	804 806	0.00	-.004	22.80	-.004	GLOB UNIF	DL 0 5
2249	LOAD Z	801 807	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2250	LOAD Z	807 810	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2251	LOAD Z	803 808	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2252	LOAD Z	804 811	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5
2253	LOAD Z	806 809	0.00	-.148	2.53	-.148	GLOB UNIF	DL 0 5
2254	LOAD Z	809 812	0.00	-.148	2.54	-.148	GLOB UNIF	DL 0 5

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - WL 105.0 FEET - OPERATIONAL STR

LINE NO.	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
	1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0														
2255	LOAD Z 801 903	0.00	.010	59.60	.010					GLOB UNIF		DL 0 5			
2256	LOAD Z 803 906	0.00	.010	59.60	.010					GLOB UNIF		DL 0 5			
2257	LOAD Z 805 901	0.00	.010	59.60	.010					GLOB UNIF		DL 0 5			
2258	LOAD Z 901 902	0.00	.006	27.42	.006					GLOB UNIF		DL 0 5			
2259	LOAD Z 902 903	0.00	.006	27.42	.006					GLOB UNIF		DL 0 5			
2260	LOAD Z 903 905	0.00	.006	27.41	.006					GLOB UNIF		DL 0 5			
2261	LOAD Z 905 906	0.00	.006	27.42	.006					GLOB UNIF		DL 0 5			
2262	LOAD Z 901 904	0.00	.006	27.41	.006					GLOB UNIF		DL 0 5			
2263	LOAD Z 904 906	0.00	.006	27.42	.006					GLOB UNIF		DL 0 5			
2264	LOAD Z 901 907	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2265	LOAD Z 907 910	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2266	LOAD Z 905 908	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2267	LOAD Z 908 911	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2268	LOAD Z 906 909	0.00	-.148	2.53	-.148					GLOB UNIF		DL 0 5			
2269	LOAD Z 909 912	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2270	LOAD Z 9011002	0.00	.020	42.23	.020					GLOB UNIF		DL 0 5			
2271	LOAD Z 9031002	0.00	.020	42.23	.020					GLOB UNIF		DL 0 5			
2272	LOAD Z 9031005	0.00	.020	42.23	.020					GLOB UNIF		DL 0 5			
2273	LOAD Z 9061005	0.00	.020	42.22	.020					GLOB UNIF		DL 0 5			
2274	LOAD Z 9011004	0.00	.020	42.23	.020					GLOB UNIF		DL 0 5			
2275	LOAD Z 9061004	0.00	.020	42.22	.020					GLOB UNIF		DL 0 5			
2276	LOAD Z 10011002	0.00	.010	32.04	.010					GLOB UNIF		DL 0 5			
2277	LOAD Z 10021003	0.00	.010	32.04	.010					GLOB UNIF		DL 0 5			
2278	LOAD Z 10031005	0.00	.010	32.04	.010					GLOB UNIF		DL 0 5			
2279	LOAD Z 10051006	0.00	.010	32.04	.010					GLOB UNIF		DL 0 5			
2280	LOAD Z 10011004	0.00	.010	32.04	.010					GLOB UNIF		DL 0 5			
2281	LOAD Z 10041006	0.00	.010	32.04	.010					GLOB UNIF		DL 0 5			
2282	LOAD Z 10021004	0.00	.014	32.04	.014					GLOB UNIF		DL 0 5			
2283	LOAD Z 10021005	0.00	.014	32.04	.014					GLOB UNIF		DL 0 5			
2284	LOAD Z 10041005	0.00	.014	32.04	.014					GLOB UNIF		DL 0 5			
2285	LOAD Z 10011007	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2286	LOAD Z 10071010	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2287	LOAD Z 10031008	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2288	LOAD Z 10081011	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2289	LOAD Z 10061009	0.00	-.148	2.53	-.148					GLOB UNIF		DL 0 5			
2290	LOAD Z 10091012	0.00	-.148	2.54	-.148					GLOB UNIF		DL 0 5			
2291	LOAD Z 101 201	0.00	-.310	15.00	-.310					GLOB UNIF		DL 0 5			
2292	LOAD Z 103 203	0.00	-.310	15.00	-.310					GLOB UNIF		DL 0 5			
2293	LOAD Z 106 206	0.00	-.310	15.00	-.310					GLOB UNIF		DL 0 5			
2294	LOAD Z 201 301	0.00	-.310	15.00	-.310					GLOB UNIF		DL 0 5			
2295	LOAD Z 203 303	0.00	-.310	15.00	-.310					GLOB UNIF		DL 0 5			
2296	LOAD Z 206 306	0.00	-.310	15.00	-.310					GLOB UNIF		DL 0 5			
2297	LOAD Z 301 401	0.00	-.310	28.50	-.310					GLOB UNIF		DL 0 5			
2298	LOAD Z 303 403	0.00	-.310	28.50	-.310					GLOB UNIF		DL 0 5			
2299	LOAD Z 306 406	0.00	-.310	28.50	-.310					GLOB UNIF		DL 0 5			
2300	LOAD Z 401 501	0.00	-.665	4.56	-.665					GLOB UNIF		DL 0 5			
2301	LOAD Z 403 503	0.00	-.665	4.55	-.665					GLOB UNIF		DL 0 5			
2302	LOAD Z 406 506	0.00	-.665	4.55	-.665					GLOB UNIF		DL 0 5			
2303	LOAD Z 501 901	0.00	-.456	8.00	-.456					GLOB UNIF		DL 0 5			

STRAN INPUT DATA

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #8 - MAL 105.0 FEET - OPERATIONAL STR

```
                        1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. 1...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    2304 LOAD Z  503 603     0.00  -.486    6.08  -.486          GLOB UNIF     DL 0 S
    2305 LOAD Z  506 606     0.00  -.486    6.08  -.486          GLOB UNIF     DL 0 S
    2306 LOAD Z  601 621     0.00  -.486     .61  -.486          GLOB UNIF     DL 0 S
    2307 LOAD Z  601 621      .61  -.423    5.47  -.423          GLOB UNIF     DL 0 S
    2308 LOAD Z  603 623     0.00  -.486     .61  -.486          GLOB UNIF     DL 0 S
    2309 LOAD Z  603 623      .61  -.423    5.47  -.423          GLOB UNIF     DL 0 S
    2310 LOAD Z  606 626     0.00  -.486     .61  -.486          GLOB UNIF     DL 0 S
    2311 LOAD Z  606 626      .61  -.423    5.47  -.423          GLOB UNIF     DL 0 S
    2312 LOAD Z  621 651     0.00  -.423    6.08  -.423          GLOB UNIF     DL 0 S
    2313 LOAD Z  623 653     0.00  -.423    6.08  -.423          GLOB UNIF     DL 0 S
    2314 LOAD Z  626 656     0.00  -.423    6.08  -.423          GLOB UNIF     DL 0 S
    2315 LOAD Z  651 701     0.00  -.423    7.10  -.423          GLOB UNIF     DL 0 S
    2316 LOAD Z  653 703     0.00  -.423    7.10  -.423          GLOB UNIF     DL 0 S
    2317 LOAD Z  656 706     0.00  -.423    7.10  -.423          GLOB UNIF     DL 0 S
    2318 LOAD Z  701 801     0.00  -.209   26.38  -.209          GLOB UNIF     DL 0 S
    2319 LOAD Z  703 803     0.00  -.209   26.38  -.209          GLOB UNIF     DL 0 S
    2320 LOAD Z  706 806     0.00  -.209   26.39  -.209          GLOB UNIF     DL 0 S
    2321 LOAD Z  801 901     0.00  -.209   32.44  -.209          GLOB UNIF     DL 0 S
    2322 LOAD Z  803 903     0.00  -.209   32.44  -.209          GLOB UNIF     DL 0 S
    2323 LOAD Z  806 906     0.00  -.209   32.44  -.209          GLOB UNIF     DL 0 S
    2324 LOAD Z 9011001      0.00  -.209   32.44  -.209          GLOB UNIF     DL 0 S
    2325 LOAD Z 9031003      0.00  -.209   32.44  -.209          GLOB UNIF     DL 0 S
    2326 LOAD Z 9061006      0.00  -.209   32.44  -.209          GLOB UNIF     DL 0 S
    2327 LOAD Z  401 510     0.00  -.752    4.57  -.752          GLOB UNIF     DL 0 S
    2328 LOAD Z  403 511     0.00  -.752    4.57  -.752          GLOB UNIF     DL 0 S
    2329 LOAD Z  406 512     0.00  -.752    4.57  -.752          GLOB UNIF     DL 0 S
    2330 LOAD Z  510 710     0.00  -.752    6.68  -.752          GLOB UNIF     DL 0 S
    2331 LOAD Z  510 710     6.68  -.654   18.66  -.654          GLOB UNIF     DL 0 S
    2332 LOAD Z  511 711     0.00  -.752    6.68  -.752          GLOB UNIF     DL 0 S
    2333 LOAD Z  511 711     6.68  -.654   18.66  -.654          GLOB UNIF     DL 0 S
    2334 LOAD Z  512 712     0.00  -.752    6.68  -.752          GLOB UNIF     DL 0 S
    2335 LOAD Z  512 712     6.68  -.654   18.66  -.654          GLOB UNIF     DL 0 S
    2336 LOAD Z  710 810     0.00  -.743   26.38  -.743          GLOB UNIF     DL 0 S
    2337 LOAD Z  711 811     0.00  -.743   26.38  -.743          GLOB UNIF     DL 0 S
    2338 LOAD Z  712 812     0.00  -.743   26.39  -.743          GLOB UNIF     DL 0 S
    2339 LOAD Z  810 910     0.00  -.743   32.44  -.743          GLOB UNIF     DL 0 S
    2340 LOAD Z  811 911     0.00  -.743   32.44  -.743          GLOB UNIF     DL 0 S
    2341 LOAD Z  812 912     0.00  -.743   32.44  -.743          GLOB UNIF     DL 0 S
    2342 LOAD Z 1010 910     0.00  -.874   32.44  -.874          GLOB UNIF     DL 0 S
    2343 LOAD Z 1011 911     0.00  -.874   32.44  -.874          GLOB UNIF     DL 0 S
    2344 LOAD Z 1012 912     0.00  -.874   32.44  -.874          GLOB UNIF     DL 0 S
    2345 LOAD Z  101 102            -50                          GLOB CONC   DL UPR
    2346 LOAD Z  103 105            -50                          GLOB CONC   DL UPR
    2347 LOAD Z  104 105    14.4    -50                          GLOB CONC   DL UPR
    2348 LOAD Z  201 202            -50                          GLOB CONC   DL LWR
    2349 LOAD Z  203 205            -65                          GLOB CONC   DL LWR
    2350 LOAD Z  204 206    14.4    -65                          GLOB CONC   DL LWR
    2351 LOAD Z  101 102           -0.42          -0.42          GLOB UNIF     LL UPR
    2352 LOAD Z  102 103           -0.42          -0.42          GLOB UNIF     LL UPR
```

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MRL 105.0 FEET - OPERATIONAL STM

```
                                1   1   2   2   3   3   4   4   5   5   6   6   7   7   8
LINE NO. I...5....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0

    2353 LOAD Z  103 105          -0.42       -0.42           GLOB UNIF   LL UPR
    2354 LOAD Z  105 106          -0.42       -0.42           GLOB UNIF   LL UPR
    2355 LOAD Z  101 104          -0.42       -0.42           GLOB UNIF   LL UPR
    2356 LOAD Z  104 106          -0.42       -0.42           GLOB UNIF   LL UPR
    2357 LOAD Z  201 202          -0.63       -0.63           GLOB UNIF   LL EQM
    2358 LOAD Z  202 203          -0.63       -0.63           GLOB UNIF   LL EQM
    2359 LOAD Z  203 205          -1.50       -1.50           GLOB UNIF   LL EQM
    2360 LOAD Z  205 206          -1.50       -1.50           GLOB UNIF   LL EQM
    2361 LOAD Z  201 204          -0.63       -0.63           GLOB UNIF   LL EQM
    2362 LOAD Z  204 206          -0.63       -0.63           GLOB UNIF   LL EQM
    2363 LOAD Z  601 611      3   -110                        GLOB CONC   BOAT LOC
    2364 LOAD Z  603 613      3   -110                        GLOB CONC   BOAT LOC
    2365 LOAD Z  513 651          -12                         GLOB CONC   BOAT BOM
    2366 LOAD Z  514 653          -12                         GLOB CONC   BOAT BOM
    2367 LOCOMB
    2368 LOCOMB    6 100.     1 100.     5
    2369 LOCOMB    7 100.     2 100.     5
    2370 LOCOMB    8 100.     3 100.     5
    2371 LOCOMB    9 100.     4 100.     5
    2372 END
```

S T R A N - P-Y D A T A

PILE JOINT NO. 1010

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

DEPTH (FT) =	0.00							
FORCE (K/IN)	0.000	0.000						
DEFL (IN)	0.000	20.000						
DEPTH (FT) =	8.00							
FORCE (K/IN)	0.000	.107	.129	.153	.169	.188	.237	.237
DEFL (IN)	0.000	.050	.120	.270	.430	.700	1.580	20.000
DEPTH (FT) =	14.00							
FORCE (K/IN)	0.000	.366	.611	.906	1.136	1.440	2.274	2.274
DEFL (IN)	0.000	.036	.110	.260	.420	.700	1.580	20.000
DEPTH (FT) =	24.00							
FORCE (K/IN)	0.000	1.244	1.681	2.347	2.895	3.644	5.831	5.831
DEFL (IN)	0.000	.070	.140	.280	.430	.700	1.580	20.000
DEPTH (FT) =	34.00							
FORCE (K/IN)	0.000	3.021	3.693	4.742	5.659	6.950	11.120	11.120
DEFL (IN)	0.000	.120	.190	.320	.460	.700	1.580	20.000
DEPTH (FT) =	48.00							
FORCE (K/IN)	0.000	7.634	8.468	9.913	11.273	13.240	21.248	21.248
DEFL (IN)	0.000	.220	.270	.360	.500	.700	1.580	20.000
DEPTH (FT) =	68.00							
FORCE (K/IN)	0.000	10.718	11.997	14.043	15.970	18.814	30.102	30.102
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.00							
FORCE (K/IN)	0.000	16.225	17.995	21.064	23.954	28.221	45.153	45.153
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.10							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	136.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	200.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	

S T R A N - P-Y D A T A

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

DEPTH (FT) =	0.00							
FORCE (K/IN)	0.000	0.000						
DEFL (IN)	0.000	20.000						
DEPTH (FT) =	8.00							
FORCE (K/IN)	0.000	.107	.129	.153	.169	.188	.237	.237
DEFL (IN)	0.000	.050	.120	.270	.430	.700	1.580	20.000
DEPTH (FT) =	14.00							
FORCE (K/IN)	0.000	.366	.611	.906	1.136	1.440	2.274	2.274
DEFL (IN)	0.000	.030	.110	.260	.420	.700	1.580	20.000
DEPTH (FT) =	24.00							
FORCE (K/IN)	0.000	1.244	1.681	2.347	2.895	3.644	5.831	5.831
DEFL (IN)	0.000	.070	.140	.280	.430	.700	1.580	20.000
DEPTH (FT) =	34.00							
FORCE (K/IN)	0.000	3.021	3.693	4.742	5.659	6.950	11.120	11.120
DEFL (IN)	0.000	.120	.190	.320	.460	.700	1.580	20.000
DEPTH (FT) =	48.00							
FORCE (K/IN)	0.000	7.634	8.468	9.913	11.273	15.280	21.248	21.248
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	68.00							
FORCE (K/IN)	0.000	10.718	11.997	14.043	15.970	18.614	30.102	30.102
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.00							
FORCE (K/IN)	0.000	16.223	17.995	21.064	23.954	28.221	45.153	45.153
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.10							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	136.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	200.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	

S T R A N - P-Y D A T A

PILE JOINT NO. 1012
DATE 08/27/76

U.S. NAVY - ACMN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

DEPTH (FT) =	0.00							
FORCE (K/IN)	0.000	0.000						
DEFL (IN)	0.000	20.000						
DEPTH (FT) =	8.00							
FORCE (K/IN)	0.000	.107	.129	.153	.169	.188	.237	.237
DEFL (IN)	0.000	.050	.120	.270	.430	.700	1.580	20.000
DEPTH (FT) =	14.00							
FORCE (K/IN)	0.000	.366	.611	.906	1.136	1.440	2.274	2.274
DEFL (IN)	0.000	.030	.110	.260	.420	.700	1.580	20.000
DEPTH (FT) =	24.00							
FORCE (K/IN)	0.000	1.244	1.681	2.347	2.895	3.644	5.831	5.831
DEFL (IN)	0.000	.070	.140	.280	.430	.700	1.580	20.000
DEPTH (FT) =	34.00							
FORCE (K/IN)	0.000	3.021	3.693	4.742	5.659	6.950	11.120	11.120
DEFL (IN)	0.000	.120	.190	.320	.460	.700	1.580	20.000
DEPTH (FT) =	48.00							
FORCE (K/IN)	0.000	7.634	8.468	9.913	11.273	13.280	21.248	21.248
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	64.00							
FORCE (K/IN)	0.000	10.718	11.997	14.043	15.970	18.814	30.102	30.102
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.00							
FORCE (K/IN)	0.000	16.223	17.995	21.064	23.954	28.221	45.153	45.153
DEFL (IN)	0.000	.220	.270	.380	.500	.700	1.580	20.000
DEPTH (FT) =	102.10							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	136.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	
DEPTH (FT) =	200.00							
FORCE (K/IN)	0.000	.967	1.313	1.718	2.418	3.281	3.281	
DEFL (IN)	0.000	.075	.190	.470	1.180	2.940	20.000	

STRAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 6
CYCLE NO. 1 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-1.9552	-.19481	-.00386		
1010	2	-12.1264	-.02202	-.02395		
1010	3	-214.1397	-.03044	-.03044		
1010	4	-1212.6356	.00022	.00006		
1010	5	195.5235	-.00195	-.00001		
1010	6	1107.2340	.00100	.00100		
1011	1	-.3489	.03032	.09117		
1011	2	-178.4017	-.25563	-.76597		
1011	3	429.6759	.06109	.06109		
1011	4	-17840.1690	.00254	.00221		
1011	5	34.8892	.00030	.00026		
1011	6	1630.4924	.00147	.00147		
1012	1	-.2644	.02281	.06363		
1012	2	160.9752	.24814	.68969		
1012	3	-904.8272	-.12864	-.12864		
1012	4	16097.5193	-.00247	-.00202		
1012	5	28.6427	.00023	.00019		
1012	6	1575.8996	.00142	.00142		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-7.2612	-.12830	-.09982		
1010	2	-5.3521	-.02211	-.07358	.0062	.0499
1010	3	-216.5703	-.03079	-.03079		
1010	4	48.2733	.00011	.00049		
1010	5	-5034.2154	-.00090	-.00066	.0001	.1003
1010	6	849.7780	.00077	.00077		
1011	1	.9862	.04006	.06408		
1011	2	-169.5515	-.64581	-.76846	.0742	.1064
1011	3	417.2547	.05932	.05932		
1011	4	-15755.4061	.00219	.00235		
1011	5	1069.0719	.00024	.00020	.0002	.0694
1011	6	1410.2269	.00127	.00127		
1012	1	.9217	.03484	.05780		
1012	2	166.1031	.66097	.79303	.1133	.1661
1012	3	-893.4403	-.12702	-.12702		
1012	4	15074.4622	-.00260	-.00249		
1012	5	914.9793	.00021	.00018	.0003	.1263
1012	6	1359.2285	.00123	.00123		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-7.3457	-.13725	-.08224		
1010	2	-7.2478	-.02735	-.08114	.0244	.2112
1010	3	-215.4757	-.03071	-.03071		
1010	4	-154.6743	.00013	.00053		
1010	5	-5045.0513	-.00090	-.00053	.0002	.2584
1010	6	859.7016	.00078	.00078		
1011	1	1.1312	.04273	.05908		
1011	2	-171.1124	-.75535	-.74898	.0052	.0070
1011	3	419.3566	.05962	.05962		
1011	4	-16671.3669	.00224	.00221		
1011	5	1195.5612	.00023	.00017	.0000	.0181
1011	6	1425.1438	.00129	.00129		
1012	1	1.0238	.03798	.05070		
1012	2	163.6021	.74778	.72812	.0189	.0258
1012	3	-895.1491	-.12727	-.12727		
1012	4	16018.5415	-.00225	-.00218		
1012	5	1000.4644	.00020	.00015	.0001	.0365
1012	6	1574.2659	.00124	.00124		

U.S. NAVY - ACAN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-4.4683	-.04136	-.02216		
1010	2	-118.9478	-.34007	-.58995		
1010	3	101.0126	.02269	.02269		
1010	4	-7707.3679	.00151	.00213		
1010	5	-3443.2067	-.00063	-.00008		
1010	6	-578.7880	-.00052	-.00052		
1011	1	4.7698	.13656	.01702		
1011	2	-117.6709	-.50409	-.41991		
1011	3	106.0290	.02360	.02360		
1011	4	-11995.0056	.00145	.00120		
1011	5	5519.1969	.00071	.00005		
1011	6	23.8617	.00002	.00002		
1012	1	.4390	.01262	.01751		
1012	2	178.9973	.82379	.84600		
1012	3	-1003.3582	-.14265	-.14265		
1012	4	17523.2061	-.00250	-.00254		
1012	5	307.8935	.00007	.00005		
1012	6	-354.8950	-.00032	-.00032		

U.S. NAVY - ACHR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL SIM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	-4.2248	-.12030	-.01610		
1010	2	-111.1258	-.46043	-.42354	.0520	.1228
1010	3	165.2210	.02349	.02349		
1010	4	-10248.6615	.00147	.00132		
1010	5	-5211.9974	-.00066	-.00005	.0003	.2188
1010	6	-549.2792	-.00050	-.00050		
1011	1	5.1330	.12754	.02019		
1011	2	-112.0033	-.43012	-.44047	.0077	.0175
1011	3	161.4591	.02296	.02296		
1011	4	-10061.6497	.00132	.00140		
1011	5	5794.9655	.00070	.00006	.0001	.0694
1011	6	57.7329	.00005	.00005		
1012	1	.1528	.00561	.00781		
1012	2	185.1649	.86393	.87463	.0107	.0124
1012	3	-1006.2594	-.14306	-.14306		
1012	4	18297.1007	-.00257	-.00259		
1012	5	145.9056	.00003	.00002	.0000	.0087
1012	6	-531.4440	-.00030	-.00030		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS, IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN, RAD)	PERCENT DIFFERENCE
1010	1	-4.3437	-.11328	-.01773		
1010	2	-113.8509	-.44844	-.46464	.0024	.0053
1010	3	164.6087	.02340	.02340		
1010	4	-9799.3660	.00145	.00151		
1010	5	-3539.1823	-.00063	-.00006	.0001	.0375
1010	6	-561.9258	-.00051	-.00051		
1011	1	5.0619	.12938	.01967		
1011	2	-114.2878	-.43774	-.44421	.0118	.0266
1011	3	162.5155	.02311	.02311		
1011	4	-10514.5122	.00136	.00139		
1011	5	3727.7522	.00071	.00006	.0001	.1053
1011	6	44.6933	.00004	.00004		
1012	1	.1965	.00673	.00915		
1012	2	182.7328	.86202	.85556	.0064	.0075
1012	3	-1005.4583	-.14295	-.14295		
1012	4	18082.1773	-.00255	-.00253		
1012	5	170.6374	.00003	.00003	.0000	.0077
1012	6	-343.3931	-.00031	-.00031		

LOAD CONDITION NO. 8
CYCLE NO. 1

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	7.0625	.16931	.05410		
1010	2	10.0777	.04258	.07720		
1010	3	-244.7853	-.03480	-.03480		
1010	4	765.1996	-.00014	-.00047		
1010	5	4855.3056	.00093	.00033		
1010	6	-877.2506	-.00079	-.00079		
1011	1	-1.1185	-.03970	-.06971		
1011	2	171.6658	.67258	.44893		
1011	3	-885.4071	-.12588	-.12588		
1011	4	15284.3522	-.00213	-.00269		
1011	5	-1247.3786	-.00022	-.00022		
1011	6	-1446.9964	-.00131	-.00131		
1012	1	-.8545	-.03454	-.04224		
1012	2	-100.7651	-.76247	-.67849		
1012	3	447.0771	.06356	.06356		
1012	4	-15780.9728	.00226	.00199		
1012	5	-914.4127	-.00018	-.00012		
1012	6	-1576.6456	-.00124	-.00124		

STRAN-NONLINEAR SUPPORT ITERATIONS

LOAD CONDITION NO. 8 — PAGE 8
CYCLE NO. 2 — DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	7.3473	.13354	.12218		
1010	2	-2.6489	.00169	-.04405	.0037	.0282
1010	3	-240.5783	-.03420	-.03420		
1010	4	-612.7232	-.00064	.00050		
1010	5	5077.4455	.00092	.00062	.0000	.0553
1010	6	-857.8210	-.00077	-.00077		
1011	1	-1.0381	-.04380	-.05626		
1011	2	158.0089	.72458	.57264	.0509	.0754
1011	3	-484.9954	-.12582	-.12582		
1011	4	15928.9761	-.00215	-.00197		
1011	5	-1105.0763	-.00023	-.00016	.0002	.0451
1011	6	-1427.2602	-.00129	-.00129		
1012	1	-1.0275	-.03581	-.05209		
1012	2	-173.8995	-.76092	-.80006	.0400	.0525
1012	3	449.0727	.06385	.06385		
1012	4	-16129.4519	.00250	.00248		
1012	5	-1026.1939	-.00019	-.00016	.0001	.0591
1012	6	-1361.5511	-.00123	-.00123		

LOAD CONDITION NO. 8
CYCLE NO. 3

U.S. NAVY - ACHN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	7.2612	.13715	.13846		
1010	2	1.8424	.01221	.01143	.0012	.0090
1010	3	-242.0399	-.03441	-.03441		
1010	4	-206.9586	-.00007	-.00008		
1010	5	5018.3471	.00095	.00094	.0000	.0055
1010	6	-862.8746	-.00078	-.00078		
1011	1	-1.0776	-.04236	-.06038		
1011	2	162.8964	.71496	.73260	.0189	.0264
1011	3	-485.2802	-.12586	-.12586		
1011	4	15698.8406	-.00214	-.00222		
1011	5	-1204.7072	-.00023	-.00018	.0001	.0336
1011	6	-1452.7924	-.00129	-.00129		
1012	1	-.9784	-.03603	-.04866		
1012	2	-169.2223	-.76619	-.74971	.0158	.0210
1012	3	448.4859	.06376	.06376		
1012	4	-16151.5497	.00230	.00225		
1012	5	-991.1650	-.00019	-.00015	.0001	.0241
1012	6	-1365.7150	-.00123	-.00123		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS,IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN,RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN,RAD)	PERCENT DIFFERENCE
1010	1	4.3170	.08948	.02117		
1010	2	109.0427	.51397	.53469		
1010	3	-510.9686	-.08686	-.08686		
1010	4	7046.5378	-.00121	-.00196		
1010	5	3501.2334	.00001	.00006		
1010	6	505.2070	.00053	.00053		
1011	1	-4.8102	-.13277	-.01627		
1011	2	106.9940	.45504	.37729		
1011	3	-630.3706	-.08962	-.08962		
1011	4	10703.8023	-.00133	-.00110		
1011	5	-3469.2544	-.00069	-.00005		
1011	6	-5.0505	-.00000	-.00000		
1012	1	-.4515	-.01202	-.01731		
1012	2	-160.1747	-.02258	-.03152		
1012	3	547.2695	.07781	.07781		
1012	4	-16963.5699	.00248	.00250		
1012	5	-319.8632	-.00007	-.00005		
1012	6	354.9502	.00032	.00032		

NONLINEAR SUPPORT JOINT NO.	DEGREE OF FREEDOM	STRUCTURE ACTIONS AT NONLINEAR SUPPORTS (KIPS, IN-KIPS)	STRUCTURE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE DISPLACEMENTS AT SUPPORTS (IN, RAD)	PILE-STRUCTURE RESULTANT DISPLACEMENTS DIFFERENCE (IN, RAD)	PERCENT DIFFERENCE
1010	1	4.0687	.1 663	.01538		
1010	2	101.8559	.41822	.38491	.0490	.1271
1010	3	-618.6343	-.08738	-.08738		
1010	4	9293.8278	-.00135	-.00122		
1010	5	3129.5550	.00064	.00005	.0003	.2279
1010	6	557.7586	.00050	.00050		
1011	1	-4.9160	-.12301	-.01916		
1011	2	101.6450	.38603	.39668	.0088	.0222
1011	3	-626.1898	-.08903	-.08903		
1011	4	8999.5524	-.00121	-.00128		
1011	5	-3701.1495	-.00069	-.00006	.0001	.0840
1011	6	-55.8067	-.00003	-.00003		
1012	1	-.1915	-.00642	-.00893		
1012	2	-185.9679	-.85122	-.86164	.0106	.0125
1012	3	549.8166	.07817	.07817		
1012	4	-17746.6937	.00254	.00256		
1012	5	-171.5582	-.00005	-.00003	.0000	.0097
1012	6	355.2722	.00050	.00050		

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 6
PILE JOINT NO. 1010

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.1155	3482.61	68.94	.0001	5.02	137.88	.0000	.01
2.03	.0979	3737.51	70.97	.0001	7.27	139.91	-.0000	.01
4.06	.0815	3974.07	72.99	.0000	7.94	141.93	-.0000	.01
6.08	.0666	4175.72	75.02	.0000	7.59	143.96	-.0000	.01
8.11	.0531	4327.23	77.05	.0000	6.62	145.99	-.0000	.00
10.14	.0411	4411.19	79.08	.0000	5.57	148.02	-.0000	.00
12.17	.0307	4384.57	81.10	-.0000	4.08	150.04	-.0000	.00
14.19	.0218	4221.61	83.13	-.0000	2.88	152.07	-.0000	.00
16.22	.0144	3927.24	85.16	-.0000	1.86	154.10	-.0000	.00
18.25	.0084	3533.07	87.19	-.0000	1.06	156.13	-.0000	-.00
20.28	.0036	3073.26	89.22	-.0000	.48	158.15	-.0000	-.00
22.30	.0000	2582.00	91.24	-.0000	.08	160.18	-.0000	-.00
24.33	-.0024	2090.36	93.27	-.0000	-.16	162.21	-.0000	-.00
26.36	-.0038	1623.50	95.30	-.0000	-.28	164.24	-.0000	-.00
28.39	-.0045	1199.97	97.33	-.0000	-.32	166.26	-.0000	-.00
30.41	-.0047	831.74	99.35	-.0000	-.31	168.29	-.0000	-.00
32.44	-.0044	524.84	101.38	-.0000	-.26	170.32	-.0000	-.00
34.47	-.0040	280.29	103.41	.0000	-.22	172.35	-.0000	-.00
36.50	-.0034	95.11	105.44	.0000	-.18	174.37	.0000	-.00
38.52	-.0028	-36.72	107.46	.0000	-.14	176.40	.0000	-.00
40.55	-.0021	-122.89	109.49	.0000	-.10	178.43	.0000	-.00
42.58	-.0015	-171.83	111.52	.0000	-.07	180.46	.0000	-.00
44.61	-.0011	-191.95	113.55	.0000	-.05	182.49	.0000	-.00
46.64	-.0007	-191.10	115.57	.0000	-.03	184.51	.0000	-.00
48.66	-.0004	-176.16	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0002	-152.86	119.63	.0000	-.00	188.57	.0000	-.00
52.72	-.0000	-125.78	121.66	.0000	.01	190.60	.0000	-.00
54.75	.0001	-95.22	123.68	.0000	.01	192.62	.0000	-.00
56.77	.0001	-72.52	125.71	.0000	.01	194.65	.0000	-.00
58.80	.0002	-50.07	127.74	.0000	.02	196.68	.0000	-.00
60.83	.0002	-31.56	129.77	.0000	.02	198.71	.0000	.00
62.86	.0001	-17.15	131.79	.0000	.02	200.73	.0000	.00
64.88	.0001	-6.58	133.82	.0000	.01	202.76	-.0000	0.00
66.91	.0001	.62	135.85	.0000	.01			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.7513	-16525.88	68.94	.0005	-101.12	137.88	.0000	.04
2.03	.6944	-12397.08	70.97	.0005	-50.71	139.91	.0000	.04
4.06	.6331	-8297.87	72.99	.0004	-14.89	141.93	.0000	.04
6.08	.5689	-4254.15	75.02	.0005	8.46	145.96	.0000	.03
8.11	.5052	-290.42	77.05	.0002	21.84	145.99	.0000	.03
10.14	.4374	3570.16	79.08	.0002	27.78	148.02	-.0000	.02
12.17	.3729	7136.45	81.10	.0001	28.55	150.04	-.0000	.02
14.19	.3108	10249.97	83.13	.0000	26.10	152.07	-.0000	.02
16.22	.2524	12785.36	85.16	.0000	21.92	154.10	-.0000	.01
18.25	.1984	14639.34	87.19	-.0000	17.12	156.13	-.0000	.01
20.28	.1496	15750.73	89.22	-.0000	12.45	158.15	-.0000	.01
22.30	.1071	16089.22	91.24	-.0000	8.54	160.18	-.0000	.00
24.33	.0718	15660.82	93.27	-.0000	5.00	162.21	-.0000	.00
26.36	.0437	14492.22	95.30	-.0000	2.49	164.24	-.0000	.00
28.39	.0221	12828.47	97.33	-.0000	.76	166.26	-.0000	-.00
30.41	.0064	10895.31	99.35	-.0000	-.30	168.29	-.0000	-.00
32.44	-.0043	8879.52	101.38	-.0000	-.83	170.32	-.0000	-.00
34.47	-.0110	6925.88	103.41	-.0000	-.96	172.35	-.0000	-.00
36.50	-.0146	5137.68	105.44	-.0000	-.91	174.37	-.0000	-.00
38.52	-.0158	3580.05	107.46	-.0000	-.82	176.40	-.0000	-.00
40.55	-.0154	2284.17	109.49	-.0000	-.72	178.43	-.0000	-.00
42.58	-.0140	1255.81	111.52	.0000	-.61	180.46	-.0000	-.00
44.61	-.0120	481.16	113.55	.0000	-.51	182.49	-.0000	-.00
46.64	-.0097	-66.70	115.57	.0000	-.40	184.51	.0000	-.00
48.66	-.0076	-422.17	117.60	.0000	-.31	186.54	.0000	-.00
50.69	-.0055	-622.60	119.63	.0000	-.23	188.57	.0000	-.00
52.72	-.0038	-704.60	121.66	.0000	-.16	190.60	.0000	-.00
54.75	-.0024	-701.82	123.68	.0000	-.10	192.62	.0000	-.00
56.77	-.0013	-643.35	125.71	.0000	-.06	194.65	.0000	-.00
58.80	-.0006	-553.00	127.74	.0000	-.02	196.68	.0000	-.00
60.83	-.0000	-449.14	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0003	-345.02	131.79	.0000	.02	200.73	.0000	-.00
64.88	.0005	-249.41	133.82	.0000	.03	202.76	.0000	-.00
66.91	.0006	-167.39	135.85	.0000	.04			

STRAN-PILE ANALYSIS

LOAD CONDITION NO. 6
PILE JOINT NO. 1012

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 & #4 - MWL 105.0 FEET - OPERATIONAL SIM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.7299	-15910.34	68.94	.0005	-94.84	137.88	.0000	.04
2.03	.6740	-11886.06	70.97	.0005	-46.17	139.91	.0000	.04
4.06	.6139	-7885.63	72.99	.0004	-11.83	141.93	.0000	.04
6.08	.5511	-3956.55	75.02	.0003	10.32	143.96	.0000	.03
8.11	.4869	-65.06	77.05	.0002	22.80	145.99	.0000	.03
10.14	.4226	3704.02	79.08	.0001	28.10	148.02	-.0000	.02
12.17	.3597	7160.80	81.10	.0001	28.46	150.04	-.0000	.02
14.19	.2993	10209.21	83.13	.0000	25.76	152.07	-.0000	.02
16.22	.2424	12864.43	85.16	.0000	21.47	154.10	-.0000	.01
18.25	.1901	14446.58	87.19	-.0000	16.65	156.13	-.0000	.01
20.28	.1427	15496.58	89.22	-.0000	12.01	158.15	-.0000	.01
22.30	.1016	15779.38	91.24	-.0000	7.97	160.18	-.0000	.00
24.33	.0676	15304.19	93.27	-.0000	4.71	162.21	-.0000	.00
26.36	.0405	14111.78	95.30	-.0000	2.28	164.24	-.0000	.00
28.39	.0199	12451.57	97.33	-.0000	.62	166.26	-.0000	-.00
30.41	.0050	10341.78	99.35	-.0000	-.39	168.29	-.0000	-.00
32.44	-.0052	8562.48	101.38	-.0000	-.89	170.32	-.0000	-.00
34.47	-.0115	6652.72	103.41	-.0000	-.99	172.35	-.0000	-.00
36.50	-.0147	4911.35	105.44	-.0000	-.93	174.37	-.0000	-.00
38.52	-.0157	3349.30	107.46	-.0000	-.84	176.40	-.0000	-.00
40.55	-.0152	2145.80	109.49	-.0000	-.73	178.43	-.0000	-.00
42.58	-.0137	1155.01	111.52	.0000	-.61	180.46	-.0000	-.00
44.61	-.0117	412.08	113.55	.0000	-.50	182.49	-.0000	-.00
46.64	-.0095	-110.03	115.57	.0000	-.40	184.51	.0000	-.00
48.66	-.0073	-445.52	117.60	.0000	-.30	186.54	.0000	-.00
50.69	-.0053	-631.19	119.63	.0000	-.22	188.57	.0000	-.00
52.72	-.0036	-702.95	121.66	.0000	-.15	190.60	.0000	-.00
54.75	-.0023	-693.66	123.68	.0000	-.09	192.62	.0000	-.00
56.77	-.0012	-631.62	125.71	.0000	-.05	194.65	.0000	-.00
58.80	-.0005	-559.88	127.74	.0000	-.01	196.68	.0000	-.00
60.83	.0000	-456.18	129.77	.0000	.01	198.71	.0000	-.00
62.86	.0003	-333.20	131.79	.0000	.03	200.73	.0000	-.00
64.88	.0005	-239.30	133.82	.0000	.04	202.76	.0000	0.00
66.91	.0006	-159.19	135.85	.0000	.04			

LOAD CONDITION NO. 7
PILE JOINT NO. 1010

U.S. NAVY - ACMN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.4650	-9664.94	66.94	.0004	-46.64	137.68	.0000	.03
2.03	.4265	-8849.10	70.97	.0003	-18.84	139.91	.0000	.03
4.05	.3857	-8159.62	72.99	.0002	.03	141.93	.0000	.03
6.09	.3434	-1467.09	75.02	.0002	11.57	143.96	.0000	.02
8.11	.3006	1153.15	77.05	.0001	17.46	145.99	-.0000	.02
10.14	.2581	3661.08	79.08	.0001	19.28	148.02	-.0000	.02
12.17	.2170	5971.52	81.10	.0000	18.44	150.04	-.0000	.01
14.19	.1780	7909.59	83.13	.0000	16.04	152.07	-.0000	.01
16.22	.1417	9407.27	85.16	.0000	12.94	154.10	-.0000	.01
18.25	.1088	10366.58	87.19	-.0000	9.75	156.13	-.0000	.00
20.28	.0794	10799.05	89.22	-.0000	6.79	158.15	-.0000	.00
22.30	.0544	10628.66	91.24	-.0000	4.32	160.18	-.0000	.00
24.33	.0342	9950.47	93.27	-.0000	2.39	162.21	-.0000	.00
26.36	.0186	8912.93	95.30	-.0000	1.00	164.24	-.0000	-.00
28.39	.0069	7664.54	97.33	-.0000	.08	166.26	-.0000	-.00
30.41	-.0012	6331.54	99.35	-.0000	-.45	168.29	-.0000	-.00
32.44	-.0064	5014.67	101.38	-.0000	-.68	170.32	-.0000	-.00
34.47	-.0094	3788.56	103.41	-.0000	-.70	172.35	-.0000	-.00
36.50	-.0107	2703.07	105.44	-.0000	-.63	174.37	-.0000	-.00
38.52	-.0107	1785.34	107.46	-.0000	-.55	176.40	-.0000	-.00
40.55	-.0099	1044.23	109.49	.0000	-.47	178.43	-.0000	-.00
42.58	-.0086	474.60	111.52	.0000	-.38	180.46	-.0000	-.00
44.61	-.0071	61.43	113.55	.0000	-.30	182.49	.0000	-.00
46.64	-.0056	-216.40	115.57	.0000	-.23	184.51	.0000	-.00
48.66	-.0042	-382.96	117.60	.0000	-.17	186.54	.0000	-.00
50.69	-.0030	-402.70	119.63	.0000	-.12	188.57	.0000	-.00
52.72	-.0020	-475.56	121.66	.0000	-.08	190.60	.0000	-.00
54.75	-.0012	-450.95	123.68	.0000	-.04	192.62	.0000	-.00
56.77	-.0006	-396.57	125.71	.0000	-.01	194.65	.0000	-.00
58.80	-.0001	-329.17	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0001	-258.66	129.77	.0000	.02	198.71	.0000	-.00
62.86	.0003	-191.91	131.79	.0000	.03	200.73	.0000	-.00
64.88	.0004	-133.17	133.82	.0000	.03	202.76	.0000	0.00
66.91	.0004	-84.56	135.85	.0000	.03			

LOAD CONDITION NO. 7
PILE JOINT NO. 1011

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.4446	-10339.27	68.94	.0003	-46.24	137.88	.0000	.03
2.03	.4091	-7561.55	70.97	.0003	-19.14	139.91	.0000	.03
4.05	.3708	-4808.96	72.99	.0002	-.56	141.93	.0000	.02
6.08	.3304	-2104.92	75.02	.0002	10.70	143.96	.0000	.02
8.11	.2902	528.36	77.05	.0001	16.56	145.99	-.0000	.02
10.14	.2497	3069.90	79.08	.0001	18.46	148.02	-.0000	.01
12.17	.2103	5477.70	81.10	.0000	17.75	150.04	-.0000	.01
14.19	.1728	7338.47	83.13	.0000	15.50	152.07	-.0000	.01
16.22	.1379	8604.79	85.16	.0000	12.54	154.10	-.0000	.01
18.25	.1061	9378.79	87.19	-.0000	9.47	156.13	-.0000	.00
20.28	.0777	10353.07	89.22	-.0000	6.63	158.15	-.0000	.00
22.30	.0534	10209.70	91.24	-.0000	4.24	160.18	-.0000	.00
24.33	.0338	9567.12	93.27	-.0000	2.36	162.21	-.0000	.00
26.36	.0186	8609.44	95.30	-.0000	1.01	164.24	-.0000	-.00
28.39	.0072	7420.87	97.33	-.0000	.11	166.26	-.0000	-.00
30.41	-.0008	6144.32	99.35	-.0000	-.41	168.29	-.0000	-.00
32.44	-.0059	4879.19	101.38	-.0000	-.64	170.32	-.0000	-.00
34.47	-.0089	3695.69	103.41	-.0000	-.66	172.35	-.0000	-.00
36.50	-.0102	2646.04	105.44	-.0000	-.60	174.37	-.0000	-.00
38.52	-.0105	1756.43	107.46	-.0000	-.53	176.40	-.0000	-.00
40.55	-.0095	1036.24	109.49	.0000	-.45	178.43	-.0000	-.00
42.58	-.0083	481.17	111.52	.0000	-.37	180.46	-.0000	-.00
44.61	-.0069	77.21	113.55	.0000	-.29	182.49	.0000	-.00
46.64	-.0055	-195.70	115.57	.0000	-.23	184.51	.0000	-.00
48.66	-.0041	-360.57	117.60	.0000	-.17	186.54	.0000	-.00
50.69	-.0029	-440.92	119.63	.0000	-.12	188.57	.0000	-.00
52.72	-.0019	-456.88	121.66	.0000	-.07	190.60	.0000	-.00
54.75	-.0011	-434.09	123.68	.0000	-.04	192.62	.0000	-.00
56.77	-.0006	-383.05	125.71	.0000	-.02	194.65	.0000	-.00
58.80	-.0001	-318.94	127.74	.0000	.00	196.68	.0000	-.00
60.83	.0001	-251.22	129.77	.0000	.02	198.71	.0000	-.00
62.86	.0003	-186.95	131.79	.0000	.02	200.73	.0000	-.00
64.88	.0004	-130.19	133.82	.0000	.03	202.76	.0000	-.00
66.91	.0004	-83.09	135.85	.0000	.03			

LOAD CONDITION NO. 7
PILE JOINT NO. 1012

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MHL 105.0 FEET - OPERATIONAL STM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.0556	-18066.32	68.94	.0006	-119.92	137.88	.0000	.05
2.03	.7909	-13575.33	70.97	.0006	-81.27	139.91	.0000	.05
4.06	.7215	-9068.13	72.99	.0005	-49.55	141.93	.0000	.04
6.09	.6488	-4653.72	75.02	.0004	-8.16	143.96	.0000	.04
8.11	.5745	-299.54	77.05	.0003	24.15	145.99	.0000	.03
10.14	.5001	3948.67	79.08	.0002	31.43	148.02	-.0000	.03
12.17	.4271	7865.50	81.10	.0001	32.65	150.04	-.0000	.02
14.19	.3569	11334.85	83.13	.0001	30.04	152.07	-.0000	.02
16.22	.2906	14161.37	85.16	.0000	25.35	154.10	-.0000	.01
18.25	.2293	16250.46	87.19	-.0000	19.89	156.13	-.0000	.01
20.28	.1738	17534.68	89.22	-.0000	14.53	158.15	-.0000	.01
22.30	.1251	17963.36	91.24	-.0000	9.78	160.18	-.0000	.00
24.33	.0847	17595.71	93.27	-.0000	5.91	162.21	-.0000	.00
26.36	.0522	16409.25	95.30	-.0000	2.98	164.24	-.0000	.00
28.39	.0273	14619.82	97.33	-.0000	.95	166.26	-.0000	-.00
30.41	.0089	12469.15	99.35	-.0000	-.30	168.29	-.0000	-.00
32.44	-.0037	10235.51	101.38	-.0000	-.93	170.32	-.0000	-.00
34.47	-.0118	8029.74	103.41	-.0000	-1.09	172.35	-.0000	-.00
36.50	-.0161	5995.48	105.44	-.0000	-1.04	174.37	-.0000	-.00
38.52	-.0177	4211.56	107.46	-.0000	-.95	176.40	-.0000	-.00
40.55	-.0175	2714.71	109.49	-.0000	-.84	178.43	-.0000	-.00
42.58	-.0159	1526.98	111.52	-.0000	-.71	180.46	-.0000	-.00
44.61	-.0137	623.43	113.55	.0000	-.59	182.49	-.0000	-.00
46.64	-.0112	-20.64	115.57	.0000	-.47	184.51	.0000	-.00
48.66	-.0087	-443.17	117.60	.0000	-.36	186.54	.0000	-.00
50.69	-.0064	-686.07	119.63	.0000	-.27	188.57	.0000	-.00
52.72	-.0045	-790.86	121.66	.0000	-.19	190.60	.0000	-.00
54.75	-.0029	-796.00	123.68	.0000	-.12	192.62	.0000	-.00
56.77	-.0016	-735.00	125.71	.0000	-.07	194.65	.0000	-.00
58.80	-.0007	-635.43	127.74	.0000	-.03	196.68	.0000	-.00
60.83	-.0001	-518.72	129.77	.0000	.00	198.71	.0000	-.00
62.86	.0003	-400.45	131.79	.0000	.02	200.73	.0000	-.00
64.89	.0006	-291.04	133.82	.0000	.04	202.76	.0000	-.00
66.91	.0006	-196.61	135.85	.0000	.04			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 8
PILE JOINT NO. 1010

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MAL 105.0 FEET - OPERATIONAL SIM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.1389	5018.36	68.94	.0001	7.14	137.88	-.0000	.01
2.03	.1169	5203.94	70.97	.0001	9.49	139.91	-.0000	.01
4.06	.0967	5370.14	72.99	.0000	10.03	141.93	-.0000	.01
6.08	.0783	5499.86	75.02	.0000	9.38	143.96	-.0000	.01
8.11	.0619	5577.65	77.05	.0000	8.05	145.99	-.0000	.00
10.14	.0475	5569.81	79.08	.0000	6.45	148.02	-.0000	.00
12.17	.0350	5480.84	81.10	-.0000	4.83	150.04	-.0000	.00
14.19	.0245	5216.56	83.13	-.0000	3.36	152.07	-.0000	.00
16.22	.0157	4804.67	85.16	-.0000	2.13	154.10	-.0000	.00
18.25	.0087	4283.55	87.19	-.0000	1.18	156.13	-.0000	-.00
20.28	.0032	3694.11	89.22	-.0000	.49	158.15	-.0000	-.00
22.30	-.0009	3078.50	91.24	-.0000	.03	160.18	-.0000	-.00
24.33	-.0036	2487.93	93.27	-.0000	-.24	162.21	-.0000	-.00
26.36	-.0051	1896.48	95.30	-.0000	-.37	164.24	-.0000	-.00
28.39	-.0058	1383.31	97.33	-.0000	-.40	166.26	-.0000	-.00
30.41	-.0059	941.39	99.35	-.0000	-.38	168.29	-.0000	-.00
32.44	-.0055	576.60	101.38	-.0000	-.32	170.32	-.0000	-.00
34.47	-.0049	288.93	103.41	.0000	-.26	172.35	-.0000	-.00
36.50	-.0041	73.79	105.44	.0000	-.21	174.37	.0000	-.00
38.52	-.0033	-76.98	107.46	.0000	-.16	176.40	.0000	-.00
40.55	-.0025	-172.95	109.49	.0000	-.12	178.43	.0000	-.00
42.58	-.0019	-224.97	111.52	.0000	-.09	180.46	.0000	-.00
44.61	-.0013	-243.30	113.55	.0000	-.06	182.49	.0000	-.00
46.64	-.0008	-237.46	115.57	.0000	-.03	184.51	.0000	-.00
48.66	-.0004	-215.76	117.60	.0000	-.01	186.54	.0000	-.00
50.69	-.0002	-185.01	119.63	.0000	-.00	188.57	.0000	-.00
52.72	.0000	-150.54	121.66	.0000	.01	190.60	.0000	-.00
54.75	.0001	-116.24	123.68	.0000	.01	192.62	.0000	-.00
56.77	.0002	-84.75	125.71	.0000	.02	194.65	.0000	-.00
58.80	.0002	-57.55	127.74	.0000	.02	196.68	.0000	-.00
60.83	.0002	-35.40	129.77	.0000	.02	198.71	.0000	.00
62.86	.0002	-18.35	131.79	.0000	.02	200.73	.0000	.00
64.88	.0002	-6.02	133.82	.0000	.02	202.76	-.0000	0.00
66.91	.0001	2.23	135.85	.0000	.02			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 8
PILE JOINT NO. 1011

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.7351	-15546.85	66.94	.0005	-94.84	137.88	.0000	.04
2.03	.6762	-11544.26	70.97	.0005	-45.73	139.91	.0000	.04
4.06	.6173	-7565.67	72.99	.0004	-11.42	141.93	.0000	.04
6.08	.5537	-3658.46	75.02	.0003	10.69	143.96	.0000	.03
8.11	.4869	210.56	77.05	.0002	23.10	145.99	.0000	.03
10.14	.4241	3957.25	79.08	.0001	28.33	148.02	-.0000	.03
12.17	.3607	7411.16	81.10	.0001	28.62	150.04	-.0000	.02
14.19	.2999	10416.06	83.13	.0000	25.46	152.07	-.0000	.02
16.22	.2428	12847.36	85.16	.0000	21.53	154.10	-.0000	.01
18.25	.1902	14604.62	87.19	-.0000	16.68	156.13	-.0000	.01
20.28	.1427	15629.65	89.22	-.0000	12.02	158.15	-.0000	.01
22.30	.1014	15887.57	91.24	-.0000	7.96	160.18	-.0000	.00
24.33	.0674	15504.01	93.27	-.0000	4.70	162.21	-.0000	.00
26.36	.0405	14173.57	95.30	-.0000	2.26	164.24	-.0000	.00
28.39	.0197	12494.22	97.33	-.0000	.60	166.26	-.0000	-.00
30.41	.0047	10569.51	99.35	-.0000	-.41	168.29	-.0000	-.00
32.44	-.0054	8578.52	101.38	-.0000	-.90	170.32	-.0000	-.00
34.47	-.0117	6657.14	103.41	-.0000	-1.00	172.35	-.0000	-.00
36.50	-.0149	4908.92	105.44	-.0000	-.93	174.37	-.0000	-.00
38.52	-.0159	3342.42	107.46	-.0000	-.84	176.40	-.0000	-.00
40.55	-.0153	2138.46	109.49	-.0000	-.73	178.43	-.0000	-.00
42.58	-.0134	1144.59	111.52	.0000	-.62	180.46	-.0000	-.00
44.61	-.0117	401.75	113.55	.0000	-.50	182.49	-.0000	-.00
46.64	-.0095	-119.54	115.57	.0000	-.40	184.51	.0000	-.00
48.66	-.0073	-453.77	117.60	.0000	-.30	186.54	.0000	-.00
50.69	-.0053	-657.98	119.63	.0000	-.22	188.57	.0000	-.00
52.72	-.0036	-708.27	121.66	.0000	-.15	190.60	.0000	-.00
54.75	-.0023	-[illegible]7.59	123.68	.0000	-.09	192.62	.0000	-.00
56.77	-.0012	-[illegible].34	125.71	.0000	-.05	194.65	.0000	-.00
58.80	-.0005	-5[illegible]1.61	127.74	.0000	-.01	196.68	.0000	-.00
60.83	.0000	-437.12	129.77	.0000	.01	198.71	.0000	-.00
62.86	.0004	-353.57	131.79	.0000	.03	200.73	.0000	-.00
64.88	.0005	-239.27	133.82	.0000	.04	202.76	.0000	-.00
66.91	.0006	-158.92	135.85	.0000	.04			

S T R A N - P I L E A N A L Y S I S

LOAD CONDITION NO. 8
PILE JOINT NO. 1012

U.S. NAVY - ACMH PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL SIM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.7513	-10053.85	66.94	.0005	-99.62	137.88	.0000	.04
2.03	.6937	-11968.96	70.97	.0005	-49.60	139.91	.0000	.04
4.06	.6320	-7914.10	72.99	.0004	-14.12	141.93	.0000	.04
6.08	.5674	-5914.73	75.02	.0003	8.94	143.96	.0000	.03
8.11	.5015	4.70	77.05	.0002	22.10	145.99	.0000	.03
10.14	.4356	3821.09	79.08	.0002	27.87	148.02	-.0000	.02
12.17	.3710	7543.72	81.10	.0001	28.54	150.04	-.0000	.02
14.19	.3090	10414.75	83.13	.0000	26.02	152.07	-.0000	.02
16.22	.2507	12909.32	85.16	.0000	21.82	154.10	-.0000	.01
18.25	.1969	14724.13	87.19	-.0000	17.01	156.13	-.0000	.01
20.28	.1483	15801.36	89.22	-.0000	12.35	158.15	-.0000	.01
22.30	.1059	16107.83	91.24	-.0000	8.25	160.18	-.0000	.00
24.33	.0708	15651.58	93.27	-.0000	4.94	162.21	-.0000	.00
26.36	.0429	14458.95	95.30	-.0000	2.45	164.24	-.0000	.00
28.39	.0216	12760.21	97.33	-.0000	.73	166.26	-.0000	-.00
30.41	.0060	10859.51	99.35	-.0000	-.52	168.29	-.0000	-.00
32.44	-.0046	8822.00	101.38	-.0000	-.84	170.32	-.0000	-.00
34.47	-.0112	6870.89	103.41	-.0000	-.96	172.35	-.0000	-.00
36.50	-.0147	5084.27	105.44	-.0000	-.91	174.37	-.0000	-.00
38.52	-.0159	3537.47	107.46	-.0000	-.83	176.40	-.0000	-.00
40.55	-.0154	2249.28	109.49	-.0000	-.72	178.43	-.0000	-.00
42.58	-.0140	1228.55	111.52	.0000	-.61	180.46	-.0000	-.00
44.61	-.0119	460.95	113.55	.0000	-.50	182.49	-.0000	-.00
46.64	-.0097	-80.74	115.57	.0000	-.40	184.51	.0000	-.00
48.66	-.0075	-431.09	117.60	.0000	-.31	186.54	.0000	-.00
50.69	-.0055	-627.48	119.63	.0000	-.23	188.57	.0000	-.00
52.72	-.0038	-706.47	121.66	.0000	-.16	190.60	.0000	-.00
54.75	-.0024	-701.59	123.68	.0000	-.10	192.62	.0000	-.00
56.77	-.0013	-641.78	125.71	.0000	-.05	194.65	.0000	-.00
58.80	-.0005	-550.71	127.74	.0000	-.02	196.68	.0000	-.00
60.83	-.0000	-446.56	129.77	.0000	.00	198.71	.0000	-.00
62.85	.0003	-342.51	131.79	.0000	.02	200.73	.0000	-.00
64.88	.0005	-247.15	133.82	.0000	.03	202.76	.0000	0.00
66.91	.0006	-165.49	135.85	.0000	.04			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.3852	-4161.12	68.94	.0003	-36.98	137.88	.0000	.03
2.03	.3540	-6661.66	70.97	.0005	-14.05	139.91	.0000	.03
4.06	.3208	-4164.64	72.99	.0002	1.59	141.93	.0000	.02
6.08	.2858	-1755.51	75.02	.0001	10.69	143.96	.0000	.02
8.11	.2497	609.39	77.05	.0001	15.31	145.99	-.0000	.02
10.14	.2143	2883.49	79.08	.0001	16.58	148.02	-.0000	.01
12.17	.1799	4939.05	81.10	.0000	15.67	150.04	-.0000	.01
14.19	.1472	6670.79	83.13	.0000	13.52	152.07	-.0000	.01
16.22	.1169	7996.06	85.16	.0000	10.83	154.10	-.0000	.01
18.25	.0893	8841.91	87.19	-.0000	8.08	156.13	-.0000	.00
20.28	.0649	9170.00	89.22	-.0000	5.59	158.15	-.0000	.00
22.30	.0441	8976.96	91.24	-.0000	3.52	160.18	-.0000	.00
24.33	.0274	8363.84	93.27	-.0000	1.91	162.21	-.0000	.00
26.36	.0145	7460.46	95.30	-.0000	.76	164.24	-.0000	-.00
28.39	.0049	6390.27	97.33	-.0000	.01	166.26	-.0000	-.00
30.41	-.0017	5257.77	99.35	-.0000	-.42	168.29	-.0000	-.00
32.44	-.0059	4145.98	101.38	-.0000	-.60	170.32	-.0000	-.00
34.47	-.0085	3115.96	103.41	-.0000	-.61	172.35	-.0000	-.00
36.50	-.0092	2208.08	105.44	-.0000	-.54	174.37	-.0000	-.00
38.52	-.0091	1443.75	107.46	-.0000	-.47	176.40	-.0000	-.00
40.55	-.0084	829.25	109.49	.0000	-.40	178.43	-.0000	-.00
42.58	-.0072	359.34	111.52	.0000	-.33	180.46	-.0000	-.00
44.61	-.0060	20.70	113.55	.0000	-.26	182.49	.0000	-.00
46.64	-.0047	-204.92	115.57	.0000	-.19	184.51	.0000	-.00
48.66	-.0035	-338.03	117.60	.0000	-.14	186.54	.0000	-.00
50.69	-.0025	-399.35	119.63	.0000	-.10	188.57	.0000	-.00
52.72	-.0016	-408.12	121.66	.0000	-.06	190.60	.0000	-.00
54.75	-.0009	-381.41	123.68	.0000	-.03	192.62	.0000	-.00
56.77	-.0004	-335.37	125.71	.0000	-.01	194.65	.0000	-.00
58.80	-.0001	-275.14	127.74	.0000	.01	196.68	.0000	-.00
60.83	.0001	-214.98	129.77	.0000	.02	198.71	.0000	-.00
62.86	.0003	-158.49	131.79	.0000	.02	200.73	.0000	-.00
64.88	.0003	-109.11	133.82	.0000	.03	202.76	.0000	0.00
66.91	.0003	-68.49	135.85	.0000	.03			

STRAN-PILE ANALYSIS

LOAD CONDITION NO. 9
PILE JOINT NO. 1011

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.3965	-6810.23	66.94	.0003	-37.16	137.88	.0000	.03
2.03	.3657	-6313.64	70.97	.0003	-13.84	139.91	.0000	.03
4.06	.3287	-5839.69	72.99	.0002	1.82	141.93	.0000	.02
6.08	.2928	-1411.93	75.02	.0002	11.21	143.96	.0000	.02
8.11	.2555	947.21	77.05	.0001	15.83	145.99	-.0000	.02
10.14	.2190	3216.98	79.08	.0001	17.05	148.02	-.0000	.01
12.17	.1836	5265.92	81.10	.0000	16.07	150.04	-.0000	.01
14.19	.1501	6987.99	83.13	.0000	13.83	152.07	-.0000	.01
16.22	.1190	8360.16	85.16	.0000	11.05	154.10	-.0000	.01
18.25	.0906	9129.26	87.19	-.0000	8.24	156.13	-.0000	.00
20.28	.0658	9436.55	89.22	-.0000	5.69	158.15	-.0000	.00
22.30	.0446	9215.83	91.24	-.0000	3.56	160.18	-.0000	.00
24.33	.0276	8570.34	93.27	-.0000	1.92	162.21	-.0000	.00
26.36	.0144	7652.35	95.30	-.0000	.75	164.24	-.0000	-.00
28.39	.0048	6527.76	97.33	-.0000	-.01	166.26	-.0000	-.00
30.41	-.0019	5302.93	99.35	-.0000	-.44	168.29	-.0000	-.00
32.44	-.0062	4222.19	101.38	-.0000	-.62	170.32	-.0000	-.00
34.47	-.0086	3167.37	103.41	-.0000	-.62	172.35	-.0000	-.00
36.50	-.0095	2239.18	105.44	-.0000	-.56	174.37	-.0000	-.00
38.52	-.0093	1456.99	107.46	-.0000	-.49	176.40	-.0000	-.00
40.55	-.0085	832.70	109.49	.0000	-.41	178.43	-.0000	-.00
42.58	-.0074	354.75	111.52	.0000	-.33	180.46	-.0000	-.00
44.61	-.0061	11.04	113.55	.0000	-.26	182.49	.0000	-.00
46.64	-.0048	-217.22	115.57	.0000	-.20	184.51	.0000	-.00
48.66	-.0036	-351.14	117.60	.0000	-.14	186.54	.0000	-.00
50.69	-.0025	-411.97	119.63	.0000	-.10	188.57	.0000	-.00
52.72	-.0016	-419.46	121.66	.0000	-.06	190.60	.0000	-.00
54.75	-.0009	-391.01	123.68	.0000	-.03	192.62	.0000	-.00
56.77	-.0004	-341.07	125.71	.0000	-.01	194.65	.0000	-.00
58.80	-.0001	-280.99	127.74	.0000	.01	196.68	.0000	-.00
60.83	.0002	-219.16	129.77	.0000	.02	198.71	.0000	-.00
62.86	.0003	-161.26	131.79	.0000	.02	200.73	.0000	-.00
64.88	.0003	-110.74	133.82	.0000	.03	202.76	.0000	0.00
66.91	.0003	-69.27	135.85	.0000	.03			

PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)	PILE LENGTH (FT)	DEFLECTION NORMAL TO PILE (INCHES)	BENDING MOMENT (IN-KIPS)
0.00	.8619	-17743.96	68.94	.0006	-121.75	137.88	.0000	.04
2.03	.7964	-15255.32	70.97	.0006	-83.14	139.91	.0000	.04
4.06	.7262	-8797.86	72.99	.0005	-21.09	141.93	.0000	.04
6.08	.6529	-4398.17	75.02	.0004	6.67	143.96	.0000	.04
8.11	.5781	-81.34	77.05	.0003	22.91	145.99	.0000	.03
10.14	.5033	4129.25	79.08	.0002	30.47	148.02	.0000	.03
12.17	.4299	8029.87	81.10	.0001	31.96	150.04	-.0000	.02
14.19	.3594	11446.09	83.13	.0001	29.58	152.07	-.0000	.02
16.22	.2928	14243.57	85.16	.0000	25.09	154.10	-.0000	.01
18.25	.2313	16508.91	87.19	-.0000	19.77	156.13	-.0000	.01
20.28	.1755	17574.72	89.22	-.0000	14.50	158.15	-.0000	.01
22.30	.1264	18012.10	91.24	-.0000	9.82	160.18	-.0000	.00
24.33	.0860	17821.13	93.27	-.0000	5.98	162.21	-.0000	.00
26.36	.0553	16439.04	95.30	-.0000	3.07	164.24	-.0000	.00
28.39	.0282	14453.19	97.33	-.0000	1.04	166.26	-.0000	-.00
30.41	.0097	12525.33	99.35	-.0000	-.22	168.29	-.0000	-.00
32.44	-.0032	10273.64	101.38	-.0000	-.87	170.32	-.0000	-.00
34.47	-.0113	8068.81	103.41	-.0000	-1.03	172.35	-.0000	-.00
36.50	-.0156	6034.41	105.44	-.0000	-.99	174.37	-.0000	-.00
38.52	-.0175	4249.29	107.46	-.0000	-.91	176.40	-.0000	-.00
40.55	-.0173	2754.26	109.49	-.0000	-.81	178.43	-.0000	-.00
42.58	-.0158	1559.52	111.52	-.0000	-.69	180.46	-.0000	-.00
44.61	-.0137	652.32	113.55	.0000	-.58	182.49	-.0000	-.00
46.64	-.0112	4.21	115.57	.0000	-.46	184.51	.0000	-.00
48.66	-.0088	-422.53	117.60	.0000	-.36	186.54	.0000	-.00
50.69	-.0065	-669.56	119.63	.0000	-.27	188.57	.0000	-.00
52.72	-.0045	-778.28	121.66	.0000	-.19	190.60	.0000	-.00
54.75	-.0029	-786.96	123.68	.0000	-.13	192.62	.0000	-.00
56.77	-.0016	-729.00	125.71	.0000	-.07	194.65	.0000	-.00
58.80	-.0007	-631.95	127.74	.0000	-.03	196.68	.0000	-.00
60.83	-.0001	-517.22	129.77	.0000	-.00	198.71	.0000	-.00
62.85	.0003	-400.41	131.79	.0000	.02	200.73	.0000	-.00
64.88	.0005	-292.00	133.82	.0000	.03	202.76	.0000	-.00
66.91	.0006	-198.17	135.85	.0000	.04			

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 6

U.S. NAVY - ACMR PLATFORMS - PLATFORM S3 + S4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	1.04929	1.98999	-.08834	.00027	-.00026	.00135	
102	1.05081	1.69107	-.19360	.00011	-.00017	.00176	
103	1.05251	1.39066	-.14784	.00029	-.00010	.00179	
104	.79294	1.84005	-.15124	.00042	-.00035	.00176	
105	.79265	1.54193	-.15906	.00043	.00003	.00167	
106	.53597	1.68868	-.02369	.00039	-.00016	.00182	
201	1.08560	2.04445	-.08668	.00026	-.00024	.00134	
202	1.08217	1.74698	-.22116	-.00039	-.00019	.00176	
203	1.08070	1.44628	-.14658	.00020	-.00008	.00179	
204	.82422	1.89600	-.16023	.00064	-.00078	.00176	
205	.82412	1.59779	-.31157	-.00007	-.00062	.00167	
206	.56575	1.74816	-.02218	.00046	-.00021	.00182	
301	1.11510	2.09823	-.08334	.00030	-.00019	.00126	
303	1.11510	1.49368	-.14201	.00017	-.00023	.00161	
305	.86103	1.79722	-.01748	.00011	-.00024	.00183	
401	1.14614	2.09991	-.07441	-.00042	.00008	.00108	
403	1.15014	1.47171	-.13225	-.00006	.00012	.00183	
405	.89243	1.76574	-.00693	-.00006	.00007	.00186	
501	1.14591	2.06961	-.07351	-.00028	.00000	.00111	
502	1.15119	1.77476	-.12620	-.00001	-.00025	.00182	
503	1.15209	1.45648	-.12683	.00001	.00014	.00181	
504	.89203	1.92525	-.07355	.00032	.00007	.00170	
505	.88777	1.61668	-.09228	.00049	-.00015	.00161	
506	.84220	1.76308	-.01205	-.00005	.00006	.00186	
507	1.16536	2.11990	-.06940	-.00028	.00000	.00110	
508	1.16026	1.40940	-.12347	.00001	.00014	.00181	
509	.90569	1.76381	-.01405	-.00005	.00006	.00186	
510	1.14258	2.07964	-.07215	-.00063	.00022	.00103	
511	1.15304	1.45343	-.13556	-.00008	.00006	.00183	
512	.84110	1.76147	-.00068	-.00006	.00010	.00186	
513	1.17256	2.13007	-.06965	.00010	-.00018	.00137	
514	1.16543	1.40322	-.10654	.00003	.00051	.00169	
601	1.15951	2.09008	-.07190	-.00006	-.00009	.00115	
603	1.15406	1.44461	-.11759	.00013	.00013	.00180	
605	.81533	1.76150	-.02473	-.00007	.00006	.00185	
611	1.20014	2.09059	-.08654	.00017	-.00029	.00135	
612	1.20506	2.30378	-.20901	.00261	-.00007	.00156	
613	1.20764	1.44512	-.13567	.00021	.00012	.00244	
621	1.17516	2.10096	-.07049	.00001	-.00009	.00113	
622	1.16504	1.86973	-.13075	-.00061	-.00007	.00148	
623	1.15727	1.43648	-.10808	.00012	.00014	.00181	
624	1.00559	2.02174	-.06259	.00021	-.00003	.00174	
625	.88825	1.61577	-.05645	.00015	-.00018	.00164	
626	.86847	1.75630	-.03725	-.00013	.00007	.00184	
651	1.16446	2.11278	-.06946	-.00002	-.00003	.00110	
653	1.15944	1.42442	-.09826	.00003	.00016	.00183	
655	.86863	1.74670	-.05046	-.00019	.00008	.00183	
661	1.20947	2.11532	-.06707	.00025	-.00002	.00092	

LOAD CONDITION NO. 6

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
602	1.27497	2.66570	-.28910	.00216	.00007	.00154	
603	1.27972	1.42513	-.13307	.00063	.00036	.00274	
701	1.19125	2.12177	-.06855	-.00007	.00003	.00101	
702	1.17634	1.74755	-.11867	.00002	-.00012	.00155	
703	1.15966	1.39862	-.08481	-.00012	.00017	.00187	
704	.80245	1.92852	-.07326	.00014	-.00008	.00167	
705	.85810	1.55497	-.10655	.00015	-.00010	.00174	
706	.82941	1.73056	-.08666	-.00024	.00005	.00182	
707	1.20653	2.14850	-.06836	-.00007	.00003	.00101	
708	1.18825	1.55006	-.07861	-.00012	.00017	.00185	
709	.87512	1.73196	-.07362	-.00024	.00005	.00182	
710	.89899	1.74040	-.06251	-.00146	.00082	.00075	
711	1.19007	1.32181	-.15399	-.00028	.00010	.00187	
712	.89930	1.71385	.03052	-.00027	.00020	.00184	
801	1.15431	2.03949	-.07985	-.00063	.00038	.00076	
802	1.13702	1.58342	-.08832	-.00051	.00048	.00170	
803	1.13410	1.12401	.02001	-.00004	.00036	.00180	
804	.75045	1.90267	-.13819	-.00018	.00025	.00162	
805	.75416	1.35675	-.12273	-.00014	-.00001	.00170	
806	.59449	1.57350	-.17050	-.00070	.00024	.00185	
807	1.15254	2.06257	-.08023	-.00063	.00038	.00077	
808	1.10204	1.06175	.04201	-.00084	.00036	.00180	
809	.54050	1.57655	-.19158	-.00070	.00024	.00183	
810	.68750	1.26362	-.05602	-.00179	.00109	.00055	
811	1.12721	1.07901	-.14756	-.00062	.00057	.00175	
812	.52856	1.53716	.04059	-.00076	.00020	.00180	
901	.97311	1.78128	-.07320	-.00084	.00048	.00067	
902	.99241	1.25070	-.00163	-.00075	.00019	.00180	
903	1.01000	.67058	.12772	-.00096	.00061	.00170	
904	.55494	1.51201	-.18284	-.00050	.00045	.00159	
905	.55575	.90196	-.09550	-.00032	.00022	.00174	
906	.12451	1.25270	-.29027	-.00098	.00054	.00162	
907	.98555	1.80298	-.07305	-.00084	.00048	.00067	
908	1.03900	.03209	.15709	-.00096	.00061	.00168	
909	.97005	1.25870	-.31902	-.00098	.00054	.00161	
910	.29975	.61890	-.04893	-.00164	.00093	.00052	
911	.92000	.73923	-.11509	-.00050	.00051	.00160	
912	.15459	1.20102	.03082	-.00073	.00013	.00154	
1001	.84251	1.49506	-.06883	-.00088	.00038	.00068	
1002	.84007	.88687	.04095	-.00116	.00038	.00181	
1003	.79033	.25844	.20120	-.00089	.00070	.00141	
1004	.31502	1.19029	-.22571	-.00105	.00100	.00177	
1005	.30417	.57053	-.05149	-.00059	.00041	.00167	
1006	-.22177	.82929	-.36869	-.00116	.00074	.00142	
1007	.85441	1.51605	-.08553	-.00087	.00058	.00065	
1008	.81900	.20407	.23345	-.00090	.00069	.00139	
1009	-.20033	.83058	-.00024	-.00136	.00075	.00140	
1010	-.13725	-.02735	-.05071	.00013	-.00094	.00078	UNLIQUE GLOBAL
1010	.04960	.12979	-.03479	-.00097	.00041	.00061	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 6 DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.04273	-.75535	.05962	.00224	.00023	.00129	UNLIQUE
1011	.63219	.41471	-.06543	-.00113	.00193	.00131	GLOBAL
1012	.03798	.74778	-.12727	-.00225	.00020	.00124	UNLIQUE
1012	.03796	.75853	-.00245	-.00225	-.00001	.00126	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 7

DATE 08/27/74

U.S. NAVY - ACNR PLATFORMS - PLATFORM #3 + #4 - MHL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES			ROTATION IN RADIANS			REMARKS
	X	Y	Z	X	Y	Z	
101	-.04961	1.91014	-.12006	.00050	-.00009	-.00072	
102	-.04807	1.98481	-.19499	.00015	.00001	-.00043	
103	-.04653	2.06185	-.11955	.00035	.00007	-.00016	
104	.01734	1.94695	-.14194	.00046	-.00018	-.00039	
105	.01722	2.02244	-.14012	.00046	.00020	-.00049	
106	.06205	1.98240	-.01387	.00043	.00000	-.00039	
201	-.04607	1.97177	-.11860	.00031	-.00007	-.00073	
202	-.04693	2.04859	-.22276	-.00035	-.00001	-.00043	
203	-.04774	2.12540	-.11809	.00025	.00009	-.00015	
204	.01899	2.01046	-.17135	.00066	-.00061	-.00039	
205	.01800	2.08852	-.24268	-.00003	-.00065	-.00050	
206	.06524	2.04977	-.01257	.00051	-.00005	-.00040	
301	-.04529	2.03050	-.11497	.00030	-.00001	-.00078	
303	-.04777	2.17930	-.11373	.00025	.00001	-.00011	
305	.04081	2.10445	-.00762	.00010	-.00006	-.00040	
401	-.03734	2.03023	-.10689	-.00052	.00000	-.00076	
403	-.03737	2.15257	-.10415	-.00030	-.00008	.00010	
405	.10043	2.05506	.00303	-.00007	.00012	-.00038	
501	-.03976	2.00950	-.10305	-.00025	-.00005	-.00074	
502	-.04080	2.06934	-.12039	-.00004	.00003	-.00037	
503	-.05404	2.13894	-.10097	-.00018	-.00002	.00007	
504	.02108	2.02692	-.08310	.00041	.00022	-.00038	
505	.01670	2.10208	-.07286	.00046	-.00013	-.00058	
506	.10522	2.05303	-.00354	-.00005	.00013	-.00037	
507	-.05155	1.99141	-.09655	-.00023	-.00005	-.00074	
508	-.05272	2.13605	-.09892	-.00018	-.00002	.00008	
509	.11509	2.05382	-.00506	-.00005	.00013	-.00037	
510	-.04304	2.00512	-.10765	-.00045	.00009	-.00079	
511	-.04964	2.13115	-.10566	-.00044	-.00020	.00014	
512	.10559	2.05121	.01018	-.00006	.00012	-.00038	
513	-.05035	1.99161	-.08675	-.00006	-.00040	-.00051	
514	-.05550	2.14200	-.09040	.00009	.00028	-.00015	
601	-.05949	1.99154	-.09585	-.00010	-.00009	-.00070	
603	-.05426	2.13554	-.09608	.00005	.00004	.00004	
606	.09702	2.05107	-.01715	-.00007	.00015	-.00038	
611	-.07705	1.99220	-.10132	.00007	-.00020	-.00114	
612	-.07156	2.70453	-.27102	.00322	-.00003	-.00041	
613	-.06607	2.13601	-.11420	.00025	.00015	.00045	
621	-.03771	1.97852	-.08804	-.00009	-.00009	-.00071	
622	-.04959	2.22608	-.10585	-.00002	.00007	-.00058	
623	-.05727	2.14124	-.09138	.00009	.00006	.00005	
624	.08520	2.05853	-.07951	.00022	.00006	-.00034	
625	-.05050	2.13978	-.03749	.00006	-.00026	-.00033	
626	.04140	2.04661	-.03119	-.00015	.00015	-.00039	
651	-.03004	1.96354	-.00155	-.00015	-.00007	-.00072	
653	-.00048	2.14577	-.00859	.00002	.00005	.00008	
656	.08859	2.05856	-.04607	-.00021	.00012	-.00040	
661	-.07550	1.96445	-.10002	.00052	-.00018	-.00147	

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-.00541	3.21335	-.27189	.00269	-.00003	-.00045	
603	-.00134	2.14666	-.11386	.00046	.00014	.00078	
701	-.03700	1.93996	-.07200	-.00019	-.00006	-.00077	
702	-.05012	2.03303	-.11004	.00004	-.00002	-.00048	
703	-.00245	2.14096	-.07966	-.00011	.00004	.00016	
704	.02925	1.96395	-.07917	.00014	.00008	-.00044	
705	.02403	2.07357	-.07586	.00017	-.00006	-.00052	
706	.00525	2.01792	-.00446	-.00028	.00005	-.00042	
707	-.04941	1.92041	-.00756	-.00019	-.00006	-.00077	
708	-.00007	2.15746	-.07693	-.00011	.00004	.00015	
709	.04746	2.01907	-.07208	-.00028	.00005	-.00041	
710	-.14214	1.74491	-.11227	-.00097	.00036	-.00092	
711	.07719	1.88601	-.11527	-.00109	-.00049	.00033	
712	.00267	1.99889	.04589	-.00032	.00014	-.00039	
801	-.04003	1.75256	-.02242	-.00075	-.00003	-.00095	
802	-.05423	1.84257	-.05426	-.00051	.00002	-.00035	
803	-.00250	1.94253	-.01173	-.00068	.00003	.00026	
804	.05955	1.78523	-.11461	-.00017	.00012	-.00044	
805	.03446	1.89047	-.12801	-.00025	-.00022	-.00039	
806	.14550	1.82715	-.19061	-.00065	-.00014	-.00036	
807	-.00018	1.73106	-.01073	-.00073	-.00003	-.00093	
808	-.05868	1.93943	.00240	-.00088	.00003	.00025	
809	.15549	1.85068	-.21614	-.00065	-.00014	-.00037	
810	-.20149	1.51485	-.10725	-.00127	.00027	-.00101	
811	.22996	1.41727	-.10761	-.00154	-.00028	.00038	
812	.05559	1.78467	.05497	-.00093	.00014	-.00033	
901	-.00454	1.54017	.04825	-.00109	-.00003	-.00084	
902	-.00059	1.44675	.02405	-.00068	-.00002	-.00052	
903	-.07677	1.55550	.04684	-.00105	.00011	.00029	
904	.05446	1.57747	-.14805	-.00052	.00018	-.00051	
905	.02948	1.50674	-.14508	-.00049	-.00015	-.00045	
906	.19920	1.43832	-.32606	-.00117	.00002	-.00039	
907	-.09749	1.32466	.00535	-.00110	-.00003	-.00083	
908	-.07109	1.55379	.00725	-.00106	.00010	.00028	
909	.21075	1.44546	-.36185	-.00117	.00002	-.00038	
910	-.36590	.77778	-.00837	-.00114	.00017	-.00085	
911	.51720	.81169	-.08197	-.00155	-.00029	.00034	
912	.02671	1.57942	.03961	-.00086	.00012	-.00035	
1001	-.00557	.84477	.09648	-.00126	-.00013	-.00069	
1002	-.09259	1.01959	.08119	-.00148	-.00000	-.00042	
1003	-.16252	1.14506	.09211	-.00098	.00013	.00015	
1004	.04257	.75618	-.10274	-.00100	.00043	-.00038	
1005	.05506	1.06751	-.13014	-.00090	-.00024	-.00051	
1006	.10967	.95423	-.41850	-.00130	.00018	-.00029	
1007	-.07200	.83154	.11924	-.00126	-.00013	-.00069	
1008	-.16212	1.14426	.11075	-.00098	.00013	.00016	
1009	.17751	.95569	-.45425	-.00130	.00018	-.00029	
1010	-.11565	-.44444	.02540	.00145	-.00003	-.00051	OBLIQUE
1010	-.36965	.32135	-.05068	-.00118	-.00097	-.00060	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM S3 + S4 - MHL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	.12438	-.43774	.02311	.00136	.00071	.00004	UNLIQUE
1011	.51259	.32947	-.04921	-.00128	.00083	.00016	GLOBAL
1012	.00873	.86202	-.14295	-.00255	.00003	-.00031	UNLIQUE
1012	.00873	.87379	.00089	-.00255	.00009	-.00030	GLOBAL

S T R A N - J O I N T D E F L E C T I O N S A N D R O T A T I O N S

LOAD CONDITION NO. 8 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	-1.03144	-1.98075	-.07604	-.00037	.00006	-.00131	
102	-1.02979	-1.70300	-.12648	-.00052	.00014	-.00164	
103	-1.02810	-1.42253	-.02944	-.00054	.00020	-.00171	
104	-.78408	-1.84230	-.18656	-.00021	-.00003	-.00163	
105	-.78059	-1.56356	-.18037	-.00020	.00033	-.00155	
106	-.54190	-1.70510	-.14613	-.00043	.00015	-.00175	
201	-1.05416	-2.03977	-.07458	-.00035	.00006	-.00130	
202	-1.05437	-1.75969	-.15641	-.00100	.00012	-.00164	
203	-1.05455	-1.48137	-.02702	-.00042	.00025	-.00172	
204	-.81286	-1.89941	-.21407	.00003	-.00048	-.00163	
205	-.81277	-1.62020	-.31280	-.00068	-.00051	-.00155	
206	-.57104	-1.75884	-.14461	-.00018	.00009	-.00176	
301	-1.08254	-2.09468	-.07078	-.00029	.00023	-.00123	
303	-1.08482	-1.52453	-.02234	-.00006	.00017	-.00174	
306	-.59808	-1.80812	-.14014	-.00020	.00023	-.00177	
401	-1.13588	-2.09801	-.06315	.00040	-.00011	-.00107	
403	-1.12549	-1.47926	-.01247	.00005	-.00004	-.00179	
406	-.89078	-1.78265	-.13071	.00017	-.00009	-.00185	
501	-1.13772	-2.08871	-.06470	.00027	-.00003	-.00110	
502	-1.13446	-1.76027	-.06074	-.00010	.00021	-.00180	
503	-1.12477	-1.46458	-.01808	-.00001	-.00006	-.00178	
504	-.87905	-1.92853	-.10977	-.00025	-.00021	-.00166	
505	-.87552	-1.62084	-.10010	-.00043	.00025	-.00157	
506	-.63559	-1.77458	-.12466	.00016	-.00008	-.00185	
507	-1.13442	-2.11869	-.06778	.00026	-.00003	-.00110	
509	-1.13669	-1.41805	-.01953	-.00001	-.00006	-.00178	
509	-.88063	-1.77556	-.12003	.00016	-.00008	-.00184	
510	-1.13229	-2.07860	-.06282	.00002	-.00024	-.00102	
511	-1.12979	-1.46009	-.00622	.00009	-.00000	-.00180	
512	-.83400	-1.77348	-.13383	.00015	-.00012	-.00185	
513	-1.10104	-2.12902	-.07213	-.00004	.00027	-.00136	
514	-1.10062	-1.41211	-.04069	.00006	-.00056	-.00166	
601	-1.14865	-2.06907	-.06788	.00008	.00008	-.00115	
603	-1.13607	-1.45124	-.02854	-.00009	-.00010	-.00177	
606	-.89761	-1.78654	-.11291	.00013	-.00009	-.00184	
611	-1.20456	-2.08973	-.06747	-.00004	.00004	-.00131	
612	-1.20749	-2.50606	-.12400	-.00258	.00006	-.00155	
613	-1.27122	-1.45108	-.04639	-.00005	.00014	-.00243	
621	-1.10018	-2.09876	-.07069	.00000	.00009	-.00113	
622	-1.10419	-1.87495	-.02200	.00022	.00005	-.00147	
623	-1.14007	-1.48004	-.03869	-.00008	-.00013	-.00178	
624	-1.00290	-2.02033	-.08981	-.00018	-.00000	-.00174	
625	-.85270	-1.62540	-.09566	-.00012	.00018	-.00163	
626	-.57855	-1.75427	-.10114	.00015	-.00010	-.00183	
651	-1.17133	-2.10969	-.07301	.00003	.00003	-.00110	
653	-1.14223	-1.46475	-.04981	.00002	-.00015	-.00180	
656	-.93400	-1.74743	-.04465	.00020	-.00011	-.00182	
661	-1.23770	-2.11029	-.08555	.00026	-.00020	-.00086	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	-1.25875	-2.66318	-.12401	-.00210	-.00006	-.00153	
603	-1.20410	-1.42532	-.04758	-.00009	-.00013	-.00274	
701	-1.17769	-2.11843	-.07510	.00007	-.00004	-.00101	
702	-1.10142	-1.74555	-.07579	-.00015	.00011	-.00155	
703	-1.14334	-1.39591	-.06427	.00015	-.00016	-.00185	
704	-.84784	-1.92638	-.11603	-.00005	-.00004	-.00167	
705	-.84347	-1.55716	-.10486	-.00015	.00007	-.00174	
706	-.51508	-1.73043	-.07373	.00025	-.00009	-.00181	
707	-1.19306	-2.14507	-.07519	.00007	-.00004	-.00101	
708	-1.17157	-1.54858	-.07080	.00015	-.00016	-.00183	
709	-.48136	-1.73156	-.06629	.00065	-.00009	-.00180	
710	-.49099	-1.78870	-.05679	.00146	-.00080	-.00074	
711	-1.10953	-1.52068	.02636	.00032	-.00011	-.00185	
712	-.49025	-1.71742	-.14992	.00028	-.00020	-.00182	
801	-1.16579	-2.03390	-.07093	.00063	-.00059	-.00076	
802	-1.16151	-1.57856	-.14657	.00040	-.00008	-.00170	
803	-1.11540	-1.11691	-.17459	.00083	-.00056	-.00179	
804	-.74150	-1.74826	-.07373	.00025	-.00038	-.00163	
805	-.73720	-1.35144	-.10034	.00017	.00002	-.00171	
806	-.37524	-1.57091	.02339	.00072	-.00024	-.00183	
807	-1.15421	-2.05688	-.07024	.00063	-.00059	-.00077	
808	-1.14572	-1.07607	-.19036	.00065	-.00036	-.00179	
809	-.52173	-1.57462	.04499	.00072	-.00025	-.00181	
810	-.68467	-1.26094	-.05009	.00179	-.00108	-.00055	
811	-1.10249	-1.06911	.05493	.00065	-.00057	-.00175	
812	-.51990	-1.54208	-.18494	.00076	-.00020	-.00178	
901	-.96273	-1.77858	-.08187	.00063	-.00048	-.00068	
902	-.97855	-1.24594	-.18195	.00065	-.00018	-.00180	
903	-.99200	-.60359	-.28517	.00096	-.00060	-.00171	
904	-.52299	-1.50945	.00200	.00058	-.00053	-.00161	
905	-.51005	-.97487	-.08557	.00036	-.00017	-.00176	
906	-.10191	-1.24900	.15872	.00099	-.00056	-.00161	
907	-.97542	-1.80020	-.08203	.00063	-.00048	-.00068	
908	-1.02211	-.62473	-.31490	.00096	-.00059	-.00169	
909	-.05445	-1.25584	.16828	.00099	-.00056	-.00160	
910	-.50169	-.61568	-.03760	.00104	-.00091	-.00053	
911	-.90077	-.72441	.02277	.00051	-.00053	-.00161	
912	-.14988	-1.20952	-.11584	.00072	-.00013	-.00153	
1001	-.86435	-1.49358	-.08714	.00068	-.00059	-.00068	
1002	-.82790	-.88101	-.19849	.00129	-.00059	-.00181	
1003	-.78454	-.22922	-.35924	.00092	-.00069	-.00142	
1004	-.29475	-1.18614	.07177	.00099	-.00068	-.00179	
1005	-.29109	-.56217	-.10065	.00056	-.00048	-.00169	
1006	.24524	-.82251	.21657	.00115	-.00072	-.00140	
1007	-.84151	-1.51520	-.04013	.00067	-.00059	-.00066	
1008	-.80550	-.19475	-.34176	.00092	-.00069	-.00140	
1009	.28157	-.82372	.25108	.00115	-.00073	-.00159	
1010	.13715	.01221	-.03441	-.00007	.00093	-.00078	UNLIQUE
1010	-.05530	-.12760	-.03194	.00094	-.00046	-.00061	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 8 DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.04236	.71496	-.12586	-.00214	-.00023	-.00129	OBLIQUE
1011	-.00752	-.39991	-.00655	.00108	-.00185	-.00131	GLOBAL
1012	-.03503	-.76619	.06376	.00250	-.00019	-.00123	OBLIQUE
1012	-.03503	-.76628	-.06322	.00250	.00002	-.00125	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

DATE 08/27/76

LOAD CONDITION NO. 9

U.S. NAVY - ACHN PLATFORMS - PLATFORM B5 + B4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
101	.05862	-1.88197	-.04547	-.00040	-.00011	.00075	
102	.06025	-1.97608	-.12598	-.00055	-.00003	.00058	
103	.06189	-2.06751	-.05746	-.00037	.00005	.00024	
104	-.02041	-1.92944	-.17531	-.00024	-.00020	.00051	
105	-.02029	-2.02253	-.17845	-.00022	.00016	.00060	
106	-.10174	-1.97816	-.15359	-.00026	.00000	.00045	
201	.06657	-1.94622	-.04401	-.00038	-.00010	.00076	
202	.06585	-2.03881	-.15570	-.00103	-.00006	.00054	
203	.06513	-2.13210	-.05600	-.00045	.00008	.00023	
204	-.01508	-1.94200	-.20242	.00000	-.00005	.00051	
205	-.01497	-2.03541	-.33060	-.00071	-.00009	.00061	
206	-.09676	-2.03773	-.19207	-.00022	-.00007	.00045	
301	.06491	-2.00367	-.04050	-.00027	.00005	.00060	
303	.06566	-2.10388	-.05151	-.00013	-.00006	.00018	
309	-.09360	-2.09064	-.14705	-.00018	.00008	.00044	
401	.05940	-1.99525	-.03182	.00031	-.00003	.00076	
403	.07450	-2.12069	-.04124	.00033	.00015	-.00006	
408	-.10694	-2.04052	-.13835	.00020	-.00012	.00057	
501	.04208	-1.97527	-.03629	.00023	.00002	.00074	
502	.05491	-2.04081	-.08587	-.00006	-.00006	.00039	
503	.06739	-2.11184	-.04477	.00020	.00009	-.00003	
504	-.01749	-1.99851	-.10138	-.00035	-.00033	.00042	
505	-.01255	-2.07578	-.11418	-.00038	.00023	.00061	
506	-.10351	-2.03005	-.13153	.00018	-.00013	.00037	
507	.05363	-1.95718	-.04010	.00023	.00002	.00074	
508	.06732	-2.11213	-.04548	.00020	.00009	-.00003	
509	-.11551	-2.03180	-.12492	.00018	-.00013	.00037	
510	.04395	-1.96874	-.02858	.00048	-.00010	.00078	
511	.06400	-2.10371	-.03498	.00047	.00025	-.00009	
512	-.10371	-2.02936	-.14208	.00017	-.00012	.00037	
513	.05319	-1.95774	-.05601	.00013	.00048	.00051	
514	.06901	-2.11626	-.05780	.00001	-.00033	.00019	
601	.06384	-1.95609	-.04899	.00013	.00008	.00070	
603	.06439	-2.10539	-.05085	.00002	-.00002	.00001	
605	-.09750	-2.02121	-.11798	.00015	-.00016	.00037	
611	.06503	-1.95749	-.07400	.00007	-.00008	.00115	
612	.07475	-2.71578	-.12990	-.00314	.00002	.00041	
613	.07509	-2.10619	-.06945	-.00008	.00010	-.00043	
621	.06259	-1.94183	-.05351	.00011	.00009	.00070	
622	.06241	-2.10794	-.04857	.00005	-.00009	.00053	
623	.06529	-2.10701	-.05671	-.00003	-.00005	-.00001	
624	-.07275	-2.02024	-.07400	-.00018	-.00009	.00033	
625	.06643	-2.10537	-.10969	-.00002	.00027	.00034	
629	-.08992	-2.01208	-.10463	.00017	-.00016	.00038	
651	.04159	-1.92524	-.02205	.00017	.00007	.00072	
653	.06419	-2.10748	-.06078	.00004	-.00005	-.00004	
659	-.08345	-1.99917	-.09071	.00023	-.00014	.00039	
661	.06573	-1.92600	-.07404	.00019	-.00005	.00150	

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 9

DATE 08/27/76

U.S. NAVY - ACMN PLATFORMS - PLATFORM S3 + S4 - ANL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
602	.07628	-3.15440	-.12991	-.00259	.00002	.00045	
603	.06601	-2.10821	-.06843	.00010	.00006	-.00078	
701	.04321	-1.90076	-.07242	.00020	.00005	.00076	
702	.05726	-1.99319	-.08487	-.00015	.00000	.00047	
703	.07115	-2.09909	-.07068	.00015	-.00004	-.00012	
704	-.02191	-1.94428	-.11758	-.00004	-.00013	.00045	
705	-.01755	-2.05363	-.12365	-.00011	.00008	.00031	
706	-.07959	-1.97903	-.07347	.00030	-.00008	.00041	
707	.05482	-1.88182	-.07673	.00020	.00005	.00076	
708	.06936	-2.09661	-.07397	.00015	-.00004	-.00011	
709	-.04223	-1.98116	-.06459	.00030	-.00008	.00040	
710	.13853	-1.71410	-.01080	.00045	-.00034	.00091	
711	-.00148	-1.84864	-.01386	.00112	.00047	-.00029	
712	-.00225	-1.96472	-.16161	.00033	-.00014	.00035	
801	.05554	-1.71108	-.12773	.00072	.00002	.00094	
802	.06456	-1.80054	-.10086	.00042	-.00003	.00034	
803	.07567	-1.89881	-.14574	.00087	-.00003	-.00023	
804	-.02703	-1.74421	-.09675	.00022	-.00017	.00043	
805	-.02300	-1.84760	-.08031	.00051	.00025	.00039	
806	-.13209	-1.76753	.04829	.00086	.00014	.00035	
807	.00741	-1.64018	-.15901	.00073	.00001	.00092	
808	.07232	-1.89696	-.15765	.00087	-.00003	-.00023	
809	-.14209	-1.79128	.07020	.00086	.00014	.00036	
810	.00900	-1.24321	-.00067	.00123	-.00025	.00100	
811	-.19501	-1.57638	-.00680	.00153	.00028	-.00035	
812	-.05484	-1.75508	-.15539	.00092	-.00014	.00032	
901	.08967	-1.50558	-.20151	.00107	.00003	.00083	
902	.08979	-1.40547	-.19870	.00076	.00000	.00030	
903	.08987	-1.49200	-.20696	.00105	-.00010	-.00028	
904	-.02187	-1.33808	-.03995	.00056	-.00024	.00048	
905	-.01693	-1.48403	-.04441	.00054	.00021	.00045	
906	-.18231	-1.39926	.17449	.00118	-.00003	.00037	
907	.10292	-1.28741	-.21805	.00107	.00003	.00082	
908	.08472	-1.49046	-.22510	.00105	-.00009	-.00027	
909	-.19346	-1.40660	.20958	.00118	-.00003	.00036	
910	.09208	-.76544	-.00010	.00112	-.00016	.00064	
911	-.20695	-.77520	-.01233	.00133	.00025	-.00032	
912	-.02604	-1.35273	-.12052	.00086	-.00012	.00034	
1001	.07495	-.81349	-.24928	.00126	.00011	.00068	
1002	.10257	-.98256	-.25824	.00159	-.00000	.00040	
1003	.15023	-1.10525	-.25018	.00098	-.00011	-.00015	
1004	-.02830	-.90149	.03017	.00098	-.00033	.00036	
1005	-.02008	-1.04785	-.02426	.00085	.00014	.00050	
1006	-.15184	-.91756	.26207	.00127	-.00018	.00028	
1007	.08344	-.80102	-.27146	.00124	.00011	.00068	
1008	.12479	-1.10475	-.26857	.00098	-.00012	-.00016	
1009	-.16100	-.91807	.30090	.00127	-.00018	.00028	
1010	.11505	.41822	-.06738	-.00135	.00064	.00050	OBLIQUE
1010	.51120	-.51459	-.01740	.00115	.00069	.00060	GLOBAL

STRAN - JOINT DEFLECTIONS AND ROTATIONS

LOAD CONDITION NO. 9

U.S. NAVY - ACMN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	DEFLECTION IN INCHES X	Y	Z	ROTATION IN RADIANS X	Y	Z	REMARKS
1011	-.12361	.38603	-.08903	-.00121	-.00069	-.00003	OBLIQUE
1011	-.28050	-.30468	-.02432	.00119	-.00071	-.00014	GLOBAL
1012	-.00642	-.85122	.07817	.00254	-.00003	.00030	OBLIQUE
1012	-.00642	-.85247	-.06301	.00254	-.00008	.00029	GLOBAL

STRAN - REACTION FORCES AND MOMENTS

DATE 08/27/76

LOAD CONDITION NO. 6

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STN

JOINT NUMBER	FORCE IN KIPS F=X	F=Y	F=Z	MOMENT IN IN-KIPS M=X	M=Y	M=Z	REMARKS
1010	7.3457	7.2478	215.4757	154.6743	5045.0513	-859.7016	OBLIQUE
1010	-20.2426	7.6378	214.2264	4353.6037	-2694.6907	-18.1822	GLOBAL
1011	-1.1512	171.1124	-419.3566	16671.3469	-1193.5612	-1425.1438	OBLIQUE
1011	-205.2473	-119.9465	-385.5005	-7525.5021	14906.0506	-1602.0509	GLOBAL
1012	-1.0258	-163.6621	895.1491	-16018.5415	-1000.4648	-1374.2859	OBLIQUE
1012	-1.0258	-508.7705	856.0011	-16018.5415	-760.6126	-1520.2168	GLOBAL
TOTAL	-234.5537	-420.6791	884.7270	-19190.4399	11450.7473	-3140.4500	

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 7

DATE 08/27/76

U.S. NAVY - ACHR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	4.3457	113.8509	-164.6087	9799.3660	3339.1823	561.9238	OBLIQUE
1010	118.4991	-73.5001	-143.6406	-2131.6197	-10086.2261	1103.4997	GLOBAL
1011	-9.0619	114.2878	-162.5155	10514.5122	-3727.7522	-44.6933	OBLIQUE
1011	-118.2147	-74.1653	-141.5040	-2083.9535	10939.7571	-657.2257	GLOBAL
1012	-.1963	-182.7528	1005.4583	-18089.1773	-170.6374	303.3931	OBLIQUE
1012	-.1963	-345.7578	961.6666	-18089.1773	-224.8321	310.6227	GLOBAL
TOTAL	.0860	-493.4033	676.5222	-22304.7505	628.6989	756.8967	

STRAN - REACTION FORCES AND MOMENTS

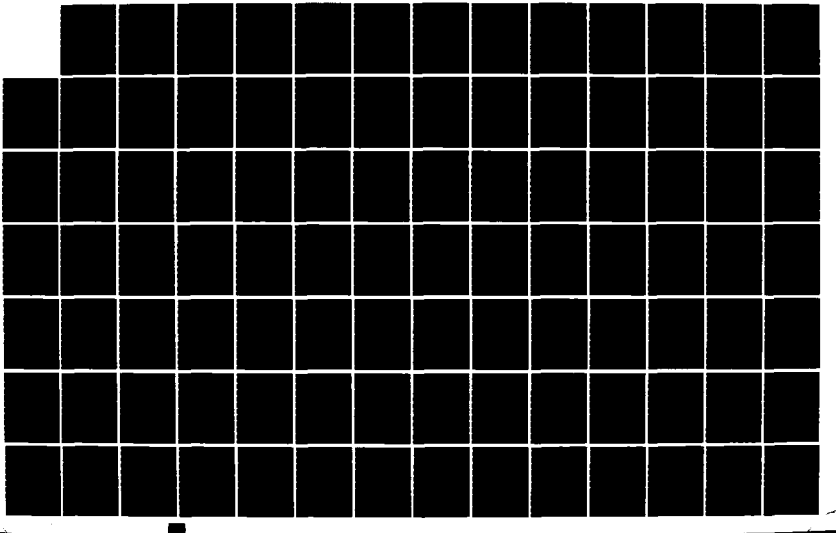
LOAD CONDITION NO. 8 DATE 08/27/76

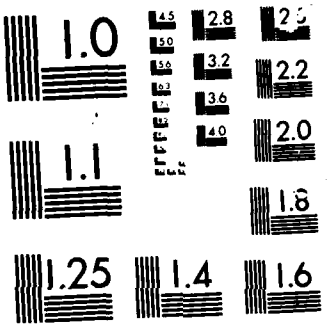
U.S. NAVY - ACHN PLATFORMS - PLATFORM S3 + S4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-7.2812	-1.8424	242.0399	206.9586	-5018.3471	862.8746	OBLIQUE
1010	-32.5987	27.1336	238.4404	-4512.2003	2368.6661	25.7048	GLOBAL
1011	1.0778	-162.8964	885.2802	-15698.8406	1204.7072	1432.7924	OBLIQUE
1011	264.6489	154.1913	848.4298	7030.4462	-14068.8984	1611.4287	GLOBAL
1012	.9784	169.2223	-448.4850	16151.5497	991.1650	1365.7150	OBLIQUE
1012	.9784	240.7344	-414.5141	16151.5497	752.8509	1510.2321	GLOBAL
TOTAL	235.2200	422.0593	670.3561	18664.7975	-10947.3813	3147.3651	

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING..(U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CHES/NAVFAC-FPO-7615-VOL-1 10/11

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

STRAN - REACTION FORCES AND MOMENTS

LOAD CONDITION NO. 9 PAGE 4
DATE 06/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

JOINT NUMBER	FORCE IN KIPS F-X	F-Y	F-Z	MOMENT IN IN-KIPS M-X	M-Y	M-Z	REMARKS
1010	-4.0687	-101.8559	614.6343	-9293.4278	-3129.3550	-557.7586	OBLIQUE
1010	-172.4803	104.3794	589.5099	2057.0660	9544.9604	-1064.8788	GLOBAL
1011	4.9160	-101.6450	626.1898	-8999.5524	3701.1495	35.8067	OBLIQUE
1011	175.5218	105.9600	600.9428	1347.3547	-9615.6725	844.0845	GLOBAL
1012	.1915	185.9879	-549.8166	17746.6937	171.5582	-333.2722	OBLIQUE
1012	.1915	275.9306	-511.7073	17746.6937	224.0745	-300.4882	GLOBAL
TOTAL	1.2330	484.2701	678.7454	21151.1145	153.3625	-721.2826	

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
101- 102	W18- 1	0.0	-4.11	599.49	9.31	.08	-7.04	.01	-.25	4.48	.87	.01	1.09	.243
		3.6	-4.11	130.77	6.03	.08	-5.32	.01	-.25	1.47	.54	.01	.83	.102
		7.3	-4.11	-63.06	2.75	.08	-3.59	.01	-.25	-.71	.26	.01	.56	.056
		10.9	-4.11	-181.98	-.55	.08	-1.87	.01	-.25	-2.04	-.05	.01	.29	.102
		14.5	-4.11	-226.00	-3.81	.08	-.15	.01	-.25	-2.54	-.36	.01	.02	.137
101- 104	W18- 1	0.0	-4.33	400.58	8.91	.07	-7.04	-.01	-.27	4.50	.83	.01	1.09	.243
		3.6	-4.33	131.80	5.82	.07	-5.32	-.01	-.27	1.48	.54	.01	.83	.102
		7.2	-4.33	-62.16	2.74	.07	-3.60	-.01	-.27	-.70	.26	.01	.56	.056
		10.9	-4.33	-181.27	-.34	.07	-1.88	-.01	-.27	-2.03	-.03	.01	.29	.102
		14.5	-4.33	-225.55	-3.42	.07	-.16	-.01	-.27	-2.53	-.32	.01	.02	.136
101- 201	DKL- 1	0.0	-19.08	-346.87	599.88	6.21	3.86	18.21	-.21	-1.08		.17	.17	.056
		3.8	-20.24	-173.03	320.21	6.21	3.86	18.21	-.22	-.57		.17	.17	.035
		7.5	-21.41	.80	40.54	6.21	3.86	18.21	-.23	-.06		.17	.17	.014
		11.3	-22.57	174.64	-239.13	6.21	3.86	18.21	-.25	-.46		.17	.17	.031
		15.0	-23.73	348.48	-518.80	6.21	3.86	18.21	-.26	-.96		.17	.17	.054
102- 103	W18- 1	0.0	-4.04	-225.92	-2.64	-.03	.20	-.01	-.25	-2.54	-.25	.00	.03	.132
		3.6	-4.04	-179.92	-1.22	-.03	1.92	-.01	-.25	-2.02	-.11	.00	.30	.104
		7.3	-4.04	-59.02	.19	-.03	3.64	-.01	-.25	-.66	.02	.00	.57	.043
		10.9	-4.04	136.77	1.60	-.03	5.36	-.01	-.25	1.53	.15	.00	.83	.085
		14.5	-4.04	407.47	3.02	-.03	7.08	-.01	-.25	4.57	.28	.00	1.10	.219
102- 104	W08- 1	0.0	.00	.10	-.46	-.01	-.17	-.00	.00	.00	-.15	.00	.09	.007
		3.6	.00	-5.56	-.43	-.01	-.09	-.00	.00	-.27	-.08	.00	.04	.015
		7.2	.00	-7.45	-.00	-.01	.00	-.00	.00	-.36	-.00	.00	.00	.015
		10.9	.00	-5.55	.42	-.01	.09	-.00	.00	-.27	.08	.00	.04	.015
		14.5	.00	.12	.65	-.01	.17	-.00	.00	.01	.15	.00	.09	.007
102- 105	W08- 1	0.0	-.12	-.07	-.32	-.00	-.17	.00	-.02	-.00	-.06	.00	.09	.004
		3.6	-.12	-5.73	-.29	-.00	-.09	.00	-.02	-.28	-.05	.00	.04	.015
		7.2	-.12	-7.61	-.26	-.00	.00	.00	-.02	-.37	-.05	.00	.00	.019
		10.9	-.12	-5.71	-.23	-.00	.09	.00	-.02	-.27	-.04	.00	.05	.015
		14.5	-.12	-.02	-.20	-.00	.17	.00	-.02	-.00	-.04	.00	.09	.003
103- 105	W18- 1	0.0	-6.13	406.44	-1.39	-.01	-7.06	.01	-.38	4.56	-.13	.00	1.10	.219
		3.6	-6.13	136.94	-1.08	-.01	-5.34	.01	-.38	1.54	-.10	.00	.83	.091
		7.2	-6.13	-57.75	-.77	-.01	-3.62	.01	-.38	-.65	-.07	.00	.56	.052
		10.9	-6.13	-177.56	-.45	-.01	-1.90	.01	-.38	-1.99	-.04	.00	.29	.107
		14.5	-6.13	-222.56	-.14	-.01	-.17	.01	-.38	-2.50	-.01	.00	.03	.127
103- 203	DKL- 1	0.0	-19.14	-351.95	-610.80	-7.10	5.34	-4.41	-.21	-1.10		.20	.20	.057
		3.8	-20.31	-111.49	-291.44	-7.10	5.34	-4.41	-.22	-.49		.20	.20	.031
		7.5	-21.47	128.97	27.92	-7.10	5.34	-4.41	-.24	-.21		.20	.20	.020
		11.3	-22.63	369.42	347.26	-7.10	5.34	-4.41	-.25	-.79		.20	.20	.045
		15.0	-23.79	609.88	666.64	-7.10	5.34	-4.41	-.26	-1.41		.20	.20	.072

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE PX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 W08- 1		0.0	.11	-.18	-.31	-.00	-.17	-.00	.02	-.01	-.06	.00	.09	.004
		3.6	.11	-5.82	-.28	-.00	-.09	-.00	.02	-.28	-.05	.00	.04	.015
		7.3	.11	-7.67	-.26	-.00	.00	-.00	.02	-.37	-.05	.00	.00	.018
		10.9	.11	-5.74	-.23	-.00	.09	-.00	.02	-.28	-.04	.00	.05	.014
		14.5	.11	-.03	-.20	-.00	.17	-.00	.02	-.00	-.04	.00	.09	.002
104- 106 W18- 1		0.0	-4.39	-225.40	-2.27	-.03	.19	.02	-.27	-2.53	-.21	.00	.03	.131
		3.6	-4.39	-179.71	-.92	-.03	1.91	.02	-.27	-2.02	-.09	.00	.30	.104
		7.3	-4.39	-59.10	.43	-.03	3.63	.02	-.27	-.66	.04	.00	.56	.045
		10.9	-4.39	136.44	1.77	-.03	5.36	.02	-.27	1.53	.17	.00	.83	.087
		14.5	-4.39	413.04	3.12	-.03	12.06	.02	-.27	4.64	.29	.00	1.87	.224
105- 106 W18- 1		0.0	-6.24	-222.56	-.54	-.02	.17	-.01	-.39	-2.50	-.05	.00	.03	.129
		3.6	-6.24	-177.50	.23	-.02	1.90	-.01	-.39	-1.99	.02	.00	.29	.106
		7.3	-6.24	-57.52	1.00	-.02	3.62	-.01	-.39	-.65	.09	.00	.56	.053
		10.9	-6.24	137.38	1.76	-.02	5.34	-.01	-.39	1.54	.16	.00	.83	.094
		14.5	-6.24	407.21	2.53	-.02	7.06	-.01	-.39	4.57	.24	.00	1.10	.225
106- 206 DKL- 1		0.0	-19.88	763.79	-25.04	.66	-9.79	-1.92	-.22	-1.20		.22	.22	.061
		3.8	-21.04	523.46	-54.53	.66	-9.79	-1.92	-.23	-.51		.22	.22	.033
		7.5	-22.21	-116.87	-84.02	.66	-9.79	-1.92	-.24	-.23		.22	.22	.021
		11.3	-23.37	-557.20	-113.51	.66	-9.79	-1.92	-.26	-.89		.22	.22	.050
		15.0	-24.53	-997.54	-143.00	.66	-9.79	-1.92	-.27	-1.58		.22	.22	.079
201- 202 W18- 1		0.0	3.87	585.64	9.31	.07	-10.12	.05	.24	6.57	.87	.01	1.57	.328
		3.6	3.87	199.45	6.09	.07	-7.64	.05	.24	2.24	.57	.01	1.19	.132
		7.3	3.87	-78.72	2.88	.07	-5.15	.05	.24	-.86	.27	.01	.80	.061
		10.9	3.87	-248.88	-.34	.07	-2.67	.05	.24	-2.79	-.03	.01	.42	.130
		14.5	3.87	-311.02	-3.55	.07	-.19	.05	.24	-3.49	-.33	.01	.03	.173
201- 204 W18- 1		0.0	3.24	585.61	9.72	.08	-10.13	-.05	.20	6.57	.91	.01	1.57	.328
		3.6	3.24	199.17	6.28	.08	-7.65	-.05	.20	2.24	.59	.01	1.19	.131
		7.2	3.24	-79.36	2.85	.08	-5.16	-.05	.20	-.89	.27	.01	.80	.059
		10.9	3.24	-249.97	-.59	.08	-2.66	-.05	.20	-2.81	-.05	.01	.42	.130
		14.5	3.24	-312.65	-4.02	.08	-.20	-.05	.20	-3.51	-.38	.01	.03	.174
201- 301 DKL- 1		0.0	-49.63	-215.48	446.66	4.21	1.84	93.91	-.56	-.76		.17	.17	.059
		3.8	-50.80	-132.57	257.25	4.21	1.84	93.91	-.56	-.45		.17	.17	.046
		7.5	-51.96	-49.70	67.83	4.21	1.84	93.91	-.57	-.13		.17	.17	.033
		11.3	-53.12	33.17	-121.58	4.21	1.84	93.91	-.58	-.20		.17	.17	.036
		15.0	-54.28	116.05	-311.00	4.21	1.84	93.91	-.60	-.52		.17	.17	.051
201- 303 120- 1		0.0	-3.29	49.91	30.06	.09	-.88	-2.82	-.17	-1.03		.12	.12	.056
		4.2	-3.53	-13.65	21.23	.09	-.41	-2.82	-.18	-.48		.07	.07	.030
		16.3	-3.78	-31.05	12.39	.09	.06	-2.82	-.20	-.59		.04	.04	.037
		24.5	-4.02	-2.29	3.56	.09	.53	-2.82	-.21	-.07		.08	.08	.016
		32.6	-4.26	72.63	-5.27	.09	1.00	-2.82	-.22	-1.28		.13	.13	.068

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
202- 203 #18- 1		0.0	3.95	-322.35	-2.28	-.03	.23	-.05	.24	-3.62	-.21	.00	.04	.174
		3.6	3.95	-258.39	-1.05	-.03	2.71	-.05	.24	-2.90	-.10	.00	.42	.138
		7.3	3.95	-86.42	.18	-.03	5.19	-.05	.24	-.97	.02	.00	.81	.053
		10.9	3.95	193.56	1.41	-.03	7.68	-.05	.24	2.17	.13	.00	1.19	.109
		14.5	3.95	581.57	2.65	-.03	10.16	-.05	.24	6.53	.25	.00	1.58	.297
202- 204 #08- 1		0.0	.01	-11.24	-.91	-.01	-.17	.00	.00	-.54	-.16	.00	.09	.030
		3.6	.01	-10.95	-.48	-.01	-.09	.00	.00	-.81	-.08	.00	.05	.038
		7.2	.01	-10.67	-.01	-.01	-.00	.00	.00	-.91	-.00	.00	.00	.038
		10.9	.01	-17.01	.44	-.01	.09	.00	.00	-.82	.08	.00	.04	.038
		14.5	.01	-11.57	.89	-.01	.17	.00	.00	-.55	.16	.00	.09	.030
202- 205 #08- 1		0.0	-.12	11.37	-.36	-.00	-.24	-.02	-.02	.55	-.06	.00	.13	.029
		3.6	-.12	2.79	-.32	-.00	-.15	-.02	-.02	.13	-.06	.00	.08	.010
		7.2	-.12	-2.02	-.28	-.00	-.07	-.02	-.02	-.10	-.05	.00	.08	.008
		10.9	-.12	-3.04	-.24	-.00	.02	-.02	-.02	-.15	-.04	.01	.02	.010
		14.5	-.12	-.28	-.19	-.00	.11	-.02	-.02	-.01	-.03	.01	.06	.004
203- 205 #18- 1		0.0	2.99	1299.17	-1.79	-.01	-22.66	-.06	.18	14.58	-.17	.00	3.52	.630
		3.6	2.99	456.31	-1.29	-.01	-17.03	-.06	.18	4.90	-.12	.00	2.64	.220
		7.2	2.99	-181.56	-.80	-.01	-11.39	-.06	.18	-2.04	-.07	.00	1.77	.098
		10.9	2.99	-554.45	-.30	-.01	-5.76	-.06	.18	-6.22	-.03	.00	.90	.272
		14.5	2.99	-842.34	.20	-.01	-.12	-.06	.18	-7.66	.02	.00	.02	.332
203- 303 DKL- 1		0.0	-61.69	-552.51	-575.15	-3.85	6.74	-19.08	-.68	-1.25		.19	.19	.085
		3.8	-62.86	-249.13	-401.70	-3.85	6.74	-19.08	-.69	-.74		.19	.19	.068
		7.5	-64.02	54.25	-228.26	-3.85	6.74	-19.08	-.70	-.37		.19	.19	.049
		11.3	-65.18	357.63	-54.81	-3.85	6.74	-19.08	-.72	-.57		.19	.19	.058
		15.0	-66.34	661.01	118.63	-3.85	6.74	-19.08	-.73	-1.05		.19	.19	.079
203- 306 120- 1		0.0	-4.66	37.56	-13.54	-.06	-.82	-3.89	-.24	-.70		.12	.12	.045
		8.2	-4.92	-19.66	-7.88	-.06	-.35	-3.89	-.26	-.37		.07	.07	.031
		16.3	-5.17	-30.75	-1.42	-.06	.12	-3.89	-.27	-.54		.05	.05	.039
		24.5	-5.41	4.35	4.63	-.06	.59	-3.89	-.28	-.11		.10	.10	.022
		32.6	-5.65	85.57	10.69	-.06	1.07	-3.89	-.29	-1.52		.15	.15	.082
204- 205 #08- 1		0.0	.12	11.36	-.31	-.00	-.24	.02	.02	.55	-.06	.00	.12	.027
		3.6	.12	2.82	-.29	-.00	-.15	.02	.02	.14	-.05	.00	.08	.010
		7.3	.12	-1.96	-.26	-.00	-.07	.02	.02	-.09	-.05	.00	.04	.007
		10.9	.12	-2.95	-.24	-.00	.02	.02	.02	-.14	-.04	.01	.02	.009
		14.5	.12	-.16	-.22	-.00	.11	.02	.02	-.01	-.04	.01	.06	.003
204- 206 #18- 1		0.0	3.17	-324.04	-2.43	-.04	.21	.05	.20	-3.64	-.26	.00	.03	.175
		3.8	3.17	-259.77	-1.20	-.04	2.70	.05	.20	-2.93	-.11	.00	.42	.138
		7.5	3.17	-89.44	.43	-.04	5.18	.05	.20	-1.00	.04	.00	.81	.053
		10.9	3.17	189.93	2.06	-.04	7.66	.05	.20	2.13	.19	.00	1.19	.108
		14.5	3.17	585.53	3.68	-.04	10.65	.05	.20	6.57	.34	.00	2.59	.301

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL, STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	V SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 #16- 1		0.0	2.87	-682.41	-.22	-.01	.09	.07	.18	-7.66	-.02	.00	.02	.332
		5.6	2.87	-555.85	.40	-.01	5.73	.07	.18	-6.24	.04	.00	.89	.273
		7.3	2.87	-184.00	1.01	-.01	11.37	.07	.18	-2.06	.09	.00	1.77	.100
		10.9	2.87	433.12	1.63	-.01	17.00	.07	.18	4.86	.15	.00	2.64	.220
		14.5	2.87	1295.52	2.24	-.01	22.64	.07	.18	14.54	.21	.00	3.52	.630
206- 301 120- 1		0.0	4.53	48.68	5.34	.10	-.90	3.71	.24	.87		.13	.13	.047
		8.2	4.29	-15.85	-4.64	.10	-.43	3.71	.22	.29		.08	.08	.023
		16.3	4.05	-34.40	-14.62	.10	.05	3.71	.21	.66		.04	.04	.037
		24.5	3.80	-6.82	-24.60	.10	.52	3.71	.20	.45		.09	.09	.028
		32.6	3.56	66.90	-34.59	.10	.99	3.71	.18	1.33		.14	.14	.064
206- 306 DKL- 1		0.0	-66.70	676.61	192.67	2.66	-1.46	-4.81	-.73	-1.10		.07	.07	.082
		3.8	-67.86	611.02	73.13	2.66	-1.46	-4.81	-.74	-.96		.07	.07	.076
		7.5	-69.02	545.44	-46.40	2.66	-1.46	-4.81	-.76	-.86		.07	.07	.073
		11.3	-70.19	479.85	-165.94	2.66	-1.46	-4.81	-.77	-.79		.07	.07	.071
		15.0	-71.35	414.27	-285.48	2.66	-1.46	-4.81	-.78	-.79		.07	.07	.071
301- 303 123- 1		0.0	-.00	48.06	53.41	.21	-.90	5.08	-.00	-1.27		.12	.12	.053
		7.3	-.00	-4.63	34.96	.21	-.43	5.08	-.00	-.64		.08	.08	.027

	14.5	-.00	-26.32	16.51	.21	.04	3.08	-.00	-.55	.05	.05	.023
	21.7	-.00	-2.01	-1.94	.21	.52	3.08	-.00	-.05	.09	.09	.002
	29.0	-.00	63.30	-20.40	.21	.94	3.08	-.00	-1.17	.13	.13	.049
301- 306 123- 1	0.0	-4.25	38.25	47.34	.17	-.82	1.29	-.33	-1.07	.10	.10	.064
	7.2	-6.25	-12.25	32.24	.17	-.34	1.29	-.33	-.61	.05	.05	.045
	14.5	-6.25	-21.75	17.14	.17	.13	1.29	-.33	-.49	.03	.03	.040
	21.7	-6.25	9.73	2.04	.17	.60	1.29	-.33	-.18	.08	.08	.026
	29.0	-6.25	82.19	-13.06	.17	1.07	1.29	-.33	-1.47	.12	.12	.041
301- 401 DRL- 1	0.0	-64.56	139.13	-19.58	-1.75	3.14	117.16	-.71	-.22	.17	.17	.045
	7.1	-66.77	407.19	130.20	-1.75	3.14	117.16	-.73	-.67	.17	.17	.065
	14.2	-68.98	675.25	279.99	-1.75	3.14	117.16	-.76	-1.18	.17	.17	.087
	21.4	-71.19	816.13	357.02	.41	-.63	117.16	-.78	-1.39	.11	.11	.098
	28.5	-73.40	573.03	213.97	2.89	-4.95	117.16	-.81	-.96	.22	.22	.081
303- 306 123- 1	0.0	9.76	34.30	-18.04	-.11	-.82	-.97	.51	.68	.09	.09	.052
	7.2	9.76	-16.35	-8.71	-.11	-.35	-.97	.51	.33	.05	.05	.037
	14.5	9.76	-25.97	.63	-.11	.12	-.97	.51	.46	.03	.03	.043
	21.7	9.76	5.37	9.97	-.11	.60	-.97	.51	.20	.07	.07	.032
	29.0	9.76	77.70	19.30	-.11	1.07	-.97	.51	1.41	.12	.12	.083
303- 403 DRL- 1	0.0	-71.00	628.97	-33.61	-2.21	-1.96	-13.34	-.78	-.99	.08	.08	.081
	7.1	-73.20	461.66	155.62	-2.21	-1.96	-13.34	-.80	-.76	.08	.08	.073
	14.2	-75.41	294.35	344.84	-2.21	-1.96	-13.34	-.83	-.71	.08	.08	.072
	21.4	-77.62	-50.83	442.50	.41	-6.14	-13.34	-.85	-.69	.15	.15	.072
	28.5	-79.83	-742.85	317.45	2.66	-10.42	-13.34	-.88	-1.26	.25	.25	.098

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORM 83 + 84 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DBL- 1	0.0	-77.03	627.24	-243.80	-3.08	-2.52	-22.33	-.85	-1.05		.10	.10	.087
		7.1	-79.24	411.75	19.97	-3.08	-2.52	-22.33	-.87	-.64		.10	.10	.071
		14.2	-81.45	196.22	283.34	-3.08	-2.52	-22.33	-.89	-.54		.10	.10	.068
		21.4	-83.65	-74.92	514.67	-1.69	-4.93	-22.33	-.92	-.81		.13	.13	.081
		28.5	-85.86	-674.82	556.67	.66	-9.02	-22.33	-.94	-1.37		.22	.22	.105
401- 501	JL4- 1	0.0	50.67	-186.51	5742.76	.73	4.87	-123.12	.20	2.03		.06	.06	.094
		1.1	49.70	-118.41	5741.13	-.48	5.08	-123.12	.20	2.02		.06	.06	.094
		2.3	48.73	-47.56	5755.87	-1.67	5.28	-123.12	.19	2.03		.07	.07	.094
		3.4	47.77	26.04	5766.67	-2.83	5.48	-123.12	.19	2.04		.07	.07	.095
		4.6	46.80	102.38	5833.21	-3.97	5.68	-123.12	.18	2.06		.08	.08	.095
401- 510	P1- 1	0.0	-123.06	81.61	-6357.15	-6.45	7.19	141.40	-.56	-2.97		.12	.12	.151
		1.1	-123.91	181.28	-6268.62	-6.45	7.34	141.40	-.56	-2.93		.12	.12	.150
		2.3	-124.76	282.84	-6180.19	-6.45	7.48	141.40	-.56	-2.89		.12	.12	.148
		3.4	-125.60	386.42	-6091.57	-6.45	7.62	141.40	-.57	-2.85		.12	.12	.147
		4.6	-126.45	491.91	-6003.04	-6.45	7.76	141.40	-.57	-2.82		.12	.12	.145
403- 503	JL4- 1	0.0	-584.24	-257.04	-2158.06	8.52	28.79	137.87	-2.30	-.77		.26	.26	.139
		1.1	-585.21	145.35	-2278.64	9.10	30.00	137.87	-2.30	-.80		.27	.27	.141
		2.3	-586.18	564.08	-2407.01	9.66	31.18	137.87	-2.31	-.87		.28	.28	.144
		3.4	-587.16	998.45	-2543.03	10.21	32.35	137.87	-2.31	-.96		.29	.29	.148
		4.6	-588.13	1449.62	-2686.52	10.75	33.50	137.87	-2.31	-1.08		.30	.30	.153
403- 511	P1- 1	0.0	512.29	803.57	1152.86	.44	3.73	49.89	2.32	.66		.05	.05	.135
		1.1	511.44	855.75	1146.89	.44	3.87	49.89	2.31	.67		.05	.05	.135
		2.3	510.59	909.84	1140.93	.44	4.01	49.89	2.31	.68		.05	.05	.136
		3.4	509.74	965.88	1134.96	.44	4.16	49.89	2.30	.70		.05	.05	.136
		4.6	508.90	1023.87	1128.99	.44	4.30	49.89	2.30	.71		.05	.05	.136
406- 506	JL4- 1	0.0	716.12	-359.65	-236.48	.11	-5.17	-20.53	2.82	.15		.04	.04	.137
		1.1	715.15	-436.37	-242.11	.72	-6.04	-20.53	2.81	.18		.05	.05	.138
		2.3	714.18	-524.83	-256.03	1.51	-6.89	-20.53	2.81	.21		.06	.06	.139
		3.4	713.21	-624.77	-278.05	1.90	-7.71	-20.53	2.80	.24		.07	.07	.140
		4.6	712.24	-735.91	-308.04	2.48	-8.52	-20.53	2.80	.28		.07	.07	.142
406- 512	P1- 1	0.0	-802.30	-315.18	769.28	.55	10.10	89.73	-3.63	-.40		.11	.11	.185
		1.1	-803.15	-175.66	781.68	.55	10.24	89.73	-3.63	-.37		.11	.11	.184
		2.3	-804.00	-34.20	774.09	.55	10.38	89.73	-3.63	-.36		.11	.11	.183
		3.4	-804.85	109.19	766.49	.55	10.52	89.73	-3.64	-.36		.12	.12	.184
		4.6	-805.69	254.52	758.90	.55	10.67	89.73	-3.64	-.37		.12	.12	.184
501- 502	165- 1	0.0	-10.95	201.65	273.74	.68	-2.33	-30.58	-.36	-3.04		.30	.30	.148
		3.8	-10.95	104.09	222.13	1.59	-1.96	-30.58	-.36	-2.20		.30	.30	.113
		7.6	-10.95	23.85	129.20	2.50	-1.57	-30.58	-.36	-1.18		.33	.33	.070
		11.4	-10.95	-38.19	-5.04	3.41	-1.16	-30.58	-.36	-.34		.38	.38	.035
		15.1	-10.95	-81.41	-180.59	4.32	-.74	-30.58	-.36	-1.77		.43	.43	.095

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 6

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STN

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504	105- 1	0.0	-67.32	-27.70	260.82	.72	-1.02	-27.03	-2.23	-2.35		.20	.20	.222
		3.8	-67.31	-66.27	207.14	1.04	-.68	-27.03	-2.23	-1.95		.24	.24	.206
		7.6	-67.31	-89.27	111.83	2.56	-.34	-27.03	-2.23	-1.28		.29	.29	.178
		11.4	-67.30	-97.13	-25.09	5.47	-.01	-27.03	-2.23	-.90		.35	.35	.161
		15.1	-67.30	-90.27	-203.64	4.39	.31	-27.03	-2.23	-1.99		.41	.41	.208
501- 601	JLS- 1	0.0	-5.58	347.61	5064.56	43.66	3.22	-10.47	-.04	-3.19		.62	.62	.136
		1.5	-6.26	408.05	4281.50	42.18	3.38	-10.47	-.04	-2.70		.60	.60	.116
		3.0	-6.98	471.22	3524.95	40.75	3.54	-10.47	-.05	-2.23		.58	.58	.096
		4.6	-7.71	537.34	2794.28	39.35	3.71	-10.47	-.05	-1.79		.56	.56	.078
		6.1	-8.43	606.44	2088.83	37.99	3.87	-10.47	-.06	-1.37		.54	.54	.060
501- 622	200- 1	0.0	69.34	378.35	-422.86	-5.79	-4.35	-46.25	1.82	3.18		.51	.51	.218
		5.1	68.96	145.67	-112.80	-4.35	-3.25	-46.25	1.81	1.03		.41	.41	.127
		10.2	68.58	-19.39	110.89	-2.96	-2.14	-46.25	1.80	.63		.32	.32	.110
		15.3	68.52	-128.14	251.58	-1.04	-1.50	-46.25	1.80	1.58		.25	.25	.150
		20.4	68.55	-205.97	313.68	-.40	-.98	-46.25	1.80	2.09		.18	.18	.172
502- 503	105- 1	0.0	-4.21	-72.94	-113.40	-2.48	-.40	-2.35	-.14	-1.21		.17	.17	.059
		3.8	-4.21	-81.22	-23.06	-1.53	.04	-2.35	-.14	-.76		.11	.11	.040
		7.6	-4.21	-69.19	25.97	-.62	.49	-2.35	-.14	-.66		.06	.06	.036
		11.4	-4.21	-35.98	33.68	.28	.97	-2.35	-.14	-.48		.08	.08	.026
		15.1	-4.21	19.26	.06	1.19	1.46	-2.35	-.14	-.17		.18	.18	.015
502- 504	105- 1	0.0	1.26	-9.12	-20.53	-.19	-.19	9.16	.11	.75		.20	.20	.037
		3.8	1.26	-13.31	-11.85	-.19	.00	9.16	.11	.60		.19	.19	.030
		7.6	1.26	-8.89	-3.16	-.19	.19	9.16	.11	.32		.20	.20	.018
		11.4	1.26	4.13	5.52	-.19	.38	9.16	.11	.23		.22	.22	.015
		15.2	1.26	25.27	14.21	-.19	.55	9.16	.11	.97		.25	.25	.046
502- 505	105- 1	0.0	-9.69	-16.19	-46.66	-1.27	-.15	-3.46	-.81	-1.65		.27	.27	.114
		3.8	-9.69	-19.71	-2.92	-.66	-.00	-3.46	-.81	-.67		.17	.17	.072
		7.6	-9.68	-16.55	13.06	-.05	.14	-3.46	-.81	-.71		.08	.08	.074
		11.4	-9.68	-7.21	1.28	.56	.27	-3.46	-.81	-.24		.16	.16	.055
		15.2	-9.68	7.80	-38.27	1.18	.39	-3.46	-.81	-1.31		.27	.27	.099
503- 505	165- 1	0.0	32.35	-23.50	-38.19	-.10	-1.30	-1.09	1.07	.40		.09	.09	.067
		3.8	32.35	-70.93	-33.45	-.10	-.79	-1.09	1.07	.70		.06	.06	.079
		7.6	32.35	-95.48	-28.70	-.10	-.29	-1.09	1.07	.84		.03	.03	.087
		11.4	32.35	-97.29	-23.96	-.10	.21	-1.09	1.07	.90		.02	.02	.087
		15.1	32.35	-77.07	-19.22	-.10	.68	-1.09	1.07	.71		.05	.05	.080
503- 603	JLS- 1	0.0	-492.80	1722.24	-2492.11	-26.38	-20.77	-27.84	-3.45	-1.90		.48	.48	.240
		1.5	-493.53	1355.99	-2017.09	-25.09	-19.38	-27.84	-3.45	-1.53		.46	.46	.224
		3.0	-494.26	1014.80	-1554.64	-25.01	-18.02	-27.84	-3.46	-1.17		.44	.44	.209
		4.6	-494.99	696.04	-1104.47	-24.34	-16.70	-27.84	-3.46	-.82		.42	.42	.195
		6.1	-495.71	405.16	-666.28	-23.70	-15.41	-27.84	-3.47	-.49		.40	.40	.191

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE Fx KIPS	MOMENT My IN-KIPS	MOMENT Mz IN-KIPS	SHEAR FORCE Fy KIPS	SHEAR FORCE Fz KIPS	TORSION Mx IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
503- 625	200- 1	0.0	-133.66	-311.90	-135.05	-.75	2.18	-12.50	-3.51	-1.90		.16	.16	.245
		5.1	-134.06	-179.13	-91.90	-.67	2.18	-12.50	-3.52	-1.13		.15	.15	.217
		10.1	-134.46	-47.47	-53.25	-.60	2.15	-12.50	-3.53	-.40		.15	.15	.191
		15.2	-134.52	70.20	-19.43	-.51	1.63	-12.50	-3.54	-.41		.12	.12	.191
		20.3	-134.50	149.30	9.21	-.43	.97	-12.50	-3.54	-.84		.09	.09	.207
504- 505	105- 1	0.0	8.08	21.12	-32.71	-1.14	-.28	-3.54	.68	1.30		.26	.26	.086
		3.8	8.08	10.11	5.49	-.54	-.20	-3.54	.68	.38		.16	.16	.048
		7.6	8.08	2.97	16.11	.07	-.11	-3.54	.68	.55		.08	.08	.054
		11.4	8.08	.15	-.86	.68	-.01	-3.54	.68	.03		.17	.17	.033
		15.2	8.08	2.07	-45.40	1.28	.10	-3.54	.68	1.52		.28	.28	.095
504- 506	105- 1	0.0	-71.87	-93.07	-156.73	-3.19	1.14	19.45	-2.38	-1.63		.31	.31	.201
		3.8	-71.87	-34.40	-32.53	-2.28	1.44	19.45	-2.38	-.42		.27	.27	.150
		7.6	-71.87	37.70	50.40	-1.37	1.73	19.45	-2.38	-.56		.23	.23	.156
		11.4	-71.88	122.36	92.42	-.48	1.99	19.45	-2.38	-1.37		.22	.22	.190
		15.2	-71.89	218.74	93.92	.41	2.28	19.45	-2.38	-2.13		.24	.24	.222
505- 506	105- 1	0.0	21.34	-80.27	-102.89	-1.53	1.17	-9.55	.71	1.17		.17	.17	.082
		3.8	21.34	-16.63	-33.54	-1.53	1.63	-9.55	.71	.34		.19	.19	.047
		7.6	21.34	66.13	35.82	-1.53	2.09	-9.55	.71	.69		.21	.21	.062
		11.4	21.34	175.21	105.17	-1.53	2.55	-9.55	.71	1.81		.24	.24	.109
		15.2	21.34	297.81	174.52	-1.53	2.95	-9.55	.71	3.09		.26	.26	.163
506- 606	JL5- 1	0.0	657.42	130.29	-111.07	-4.37	8.76	116.26	4.60	.11		.17	.17	.217
		1.5	656.70	279.79	-37.98	-3.64	7.63	116.26	4.59	.18		.15	.15	.220
		3.0	655.97	408.99	21.85	-2.92	6.53	116.26	4.59	.26		.14	.14	.223
		4.6	655.25	518.46	68.76	-2.22	5.47	116.26	4.58	.33		.12	.12	.226
		6.1	654.53	608.75	105.12	-1.55	4.43	116.26	4.58	.39		.10	.10	.228
506- 624	200- 1	0.0	81.08	247.95	588.07	6.72	-2.76	41.90	2.13	3.57		.50	.50	.249
		5.1	80.70	104.51	224.92	5.25	-1.96	41.90	2.12	1.39		.41	.41	.157
		10.1	80.31	10.10	-50.48	3.83	-1.14	41.90	2.11	.29		.33	.33	.110
		15.2	80.24	-45.03	-241.55	2.47	-.76	41.90	2.11	1.38		.25	.25	.156
		20.2	80.27	-83.12	-351.70	1.17	-.49	41.90	2.11	2.02		.18	.18	.183
510- 710	P1- 1	0.0	-126.45	529.13	-5999.65	-6.37	-1.61	307.51	-.57	-2.82		.13	.13	.146
		6.3	-131.15	436.72	-5515.20	-6.37	-.82	307.51	-.59	-2.59		.13	.13	.138
		12.7	-135.27	399.60	-4280.98	-7.31	-.14	422.95	-.61	-2.01		.16	.16	.114
		19.0	-139.36	414.87	-3725.32	-7.31	.54	422.95	-.63	-1.75		.17	.17	.104
		25.3	-143.44	481.93	-3169.67	-7.31	1.22	422.95	-.65	-1.50		.17	.17	.095
511- 711	P1- 1	0.0	504.92	1030.93	1122.57	.99	-14.85	18.32	2.30	.71		.14	.14	.136
		6.3	504.22	-66.15	1047.06	.99	-14.06	18.32	2.28	.49		.13	.13	.126
		12.7	500.23	-454.51	596.24	1.46	-12.58	-39.48	2.26	.35		.12	.12	.119
		19.0	496.14	-1344.83	485.22	1.46	-11.89	-39.48	2.24	.69		.12	.12	.133
		25.3	492.06	-2265.36	374.21	1.46	-11.21	-39.48	2.22	1.07		.11	.11	.148

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	P1- 1	0.0	-805.68	254.52	758.94	.55	6.55	168.79	-3.64	-.37		.10	.10	.191
		6.3	-810.38	782.25	716.83	.55	7.33	166.79	-3.66	-.50		.11	.11	.196
		12.7	-816.64	709.26	299.74	1.02	7.22	111.03	-3.68	-.36		.09	.09	.193
		19.0	-818.72	1284.23	221.90	1.02	7.90	111.03	-3.70	-.61		.10	.10	.202
		25.3	-822.81	1911.05	144.05	1.02	8.58	111.03	-3.72	-.90		.10	.10	.214
601- 621	JL6- 1	0.0	-18.12	491.44	1811.32	28.55	.09	314.00	-.13	-1.18		.50	.50	.056
		1.5	-18.79	494.49	1302.40	27.22	.24	314.00	-.13	-.88		.48	.48	.043
		3.0	-19.42	500.12	817.43	25.93	.38	314.00	-.14	-.60		.46	.46	.032
		4.6	-20.04	508.30	355.81	24.67	.52	314.00	-.14	-.39		.44	.44	.023
		6.1	-20.67	518.97	-83.10	23.44	.65	314.00	-.14	-.33		.43	.43	.021
603- 623	JL6- 1	0.0	-503.54	312.56	-499.50	-16.98	-15.12	-107.83	-3.52	-.37		.35	.35	.179
		1.5	-504.22	48.16	-195.37	-16.35	-13.86	-107.83	-3.53	-.13		.33	.33	.169
		3.0	-504.86	-193.69	97.37	-15.74	-12.64	-107.83	-3.53	-.14		.32	.32	.170
		4.6	-505.49	-413.53	379.08	-15.14	-11.45	-107.83	-3.54	-.35		.30	.30	.179
		6.1	-506.12	-611.90	650.10	-14.56	-10.29	-107.83	-3.54	-.56		.28	.28	.188
606- 626	JL6- 1	0.0	654.51	608.75	103.50	-1.55	6.56	115.93	4.58	.39		.13	.13	.228
		1.5	653.84	719.10	125.65	-.88	5.54	115.93	4.57	.46		.11	.11	.231
		3.0	653.20	811.09	135.88	-.24	4.55	115.93	4.57	.52		.10	.10	.233
		4.6	652.57	885.17	134.46	.39	3.58	115.93	4.57	.56		.09	.09	.235
		6.1	651.93	941.85	121.67	1.01	2.64	115.93	4.56	.60		.08	.08	.236
621- 651	JL6- 1	0.0	-20.69	518.82	-85.22	23.43	.51	313.69	-.14	-.33		.43	.43	.021
		1.5	-21.33	529.89	-496.44	21.66	.71	313.69	-.15	-.46		.40	.40	.026
		3.0	-21.96	544.54	-875.76	19.93	.90	313.69	-.15	-.65		.38	.38	.034
		4.6	-22.60	562.75	-1223.84	18.24	1.09	313.69	-.16	-.85		.35	.35	.043
		6.1	-23.23	584.41	-1541.57	16.60	1.28	313.69	-.16	-1.04		.33	.33	.051
622- 703	200- 1	0.0	68.56	-204.16	312.98	-.47	-.19	-50.03	1.80	2.09		.17	.17	.171
		5.4	68.60	-182.45	280.20	1.45	.86	-50.03	1.80	1.87		.23	.23	.162
		10.9	68.64	-92.19	125.43	3.27	1.91	-50.03	1.80	.87		.34	.34	.120
		16.3	68.67	65.94	-144.24	4.97	2.95	-50.03	1.81	.49		.44	.44	.121
		21.8	68.70	289.63	-521.82	6.57	3.91	-50.03	1.81	3.34		.54	.54	.224
623- 653	JL6- 1	0.0	-506.12	-615.01	646.91	-14.10	-11.08	-109.25	-3.54	-.56		.29	.29	.188
		1.5	-506.75	-802.30	896.76	-13.30	-9.46	-109.25	-3.55	-.76		.26	.26	.196
		3.0	-507.39	-960.47	1132.21	-12.52	-7.88	-109.25	-3.55	-.93		.24	.24	.204
		4.6	-508.03	-1090.24	1353.63	-11.76	-6.35	-109.25	-3.55	-1.09		.22	.22	.210
		6.1	-508.67	-1192.31	1561.43	-11.02	-4.85	-109.25	-3.56	-1.23		.20	.20	.217
624- 701	200- 1	0.0	80.27	-83.08	-351.72	1.15	-.52	41.77	2.11	2.02		.18	.18	.183
		5.5	80.30	-96.15	-357.03	-.97	.12	41.77	2.11	2.07		.17	.17	.185
		11.0	80.33	-67.43	-225.77	-3.00	.75	41.77	2.11	1.32		.26	.26	.153
		16.5	80.36	5.11	35.55	-4.93	1.39	41.77	2.11	.20		.39	.39	.106
		21.9	80.39	115.45	420.42	-6.75	2.02	41.77	2.11	2.44		.49	.49	.201

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706 200- 1		0.0	-134.50	149.30	9.26	-.35	.92	-12.42	-3.54	-.84		.09	.09	.208
		5.5	-134.47	176.65	27.81	-.21	-.09	-12.42	-3.53	-1.00		.05	.05	.214
		11.0	-134.44	136.04	37.42	-.08	-1.15	-12.42	-3.53	-.79		.10	.10	.207
		16.4	-134.42	25.47	38.75	.04	-2.22	-12.42	-3.53	-.26		.15	.15	.197
		21.9	-134.39	-155.48	31.95	.16	-3.28	-12.42	-3.53	-.89		.21	.21	.210
626- 650 JL6- 1		0.0	651.93	941.85	121.48	1.01	1.58	116.13	4.56	.60		.06	.06	.236
		1.5	651.30	957.71	94.70	1.92	.16	116.13	4.56	.60		.06	.06	.236
		3.0	650.67	947.98	51.42	2.82	-1.22	116.13	4.55	.60		.08	.08	.236
		4.6	650.04	913.52	-7.97	3.69	-2.57	116.13	4.55	.57		.10	.10	.235
		6.1	649.40	854.36	-83.03	4.53	-3.88	116.13	4.54	.54		.12	.12	.233
651- 701 JL6- 1		0.0	-30.50	519.10	-1477.35	-4.92	-3.90	716.51	-.21	-.98		.31	.31	.051
		1.8	-31.24	438.28	-1352.72	-6.78	-3.70	716.51	-.22	-.89		.33	.33	.048
		3.5	-31.99	361.71	-1189.01	-8.59	-3.50	716.51	-.22	-.78		.35	.35	.043
		5.3	-32.75	284.37	-987.45	-10.54	-3.30	716.51	-.23	-.65		.38	.38	.038
		7.1	-33.48	221.24	-749.16	-12.04	-3.10	716.51	-.23	-.49		.40	.40	.032
653- 703 JL6- 1		0.0	-546.59	-1283.82	1770.11	3.24	2.87	-198.76	-3.82	-1.37		.12	.12	.255
		1.8	-547.33	-1204.59	1692.07	4.09	4.56	-198.76	-3.83	-1.30		.15	.15	.232
		3.5	-548.07	-1089.92	1596.13	4.92	6.20	-198.76	-3.83	-1.21		.17	.17	.229
		5.3	-548.81	-940.92	1462.78	5.72	7.79	-198.76	-3.84	-1.10		.20	.20	.224
		7.1	-549.56	-758.68	1352.68	6.49	9.32	-198.76	-3.84	-.97		.22	.22	.219
656- 706 JL6- 1		0.0	649.40	854.36	-83.08	4.53	-4.18	116.09	4.54	.54		.12	.12	.233
		1.4	648.66	749.33	-189.90	5.50	-5.67	116.09	4.54	.49		.15	.15	.231
		3.5	647.91	615.07	-316.94	6.43	-7.12	116.09	4.53	.43		.17	.17	.228
		5.3	647.16	446.52	-463.61	7.34	-8.52	116.09	4.53	.40		.19	.19	.227
		7.1	646.41	250.65	-629.37	8.23	-9.88	116.09	4.52	.43		.22	.22	.227
701- 702 137- 1		0.0	36.96	65.80	61.43	-.93	-.65	-3.28	1.92	1.58		.15	.15	.156
		4.7	36.96	31.57	87.21	.01	-.56	-3.28	1.92	1.63		.09	.09	.158
		9.4	36.96	2.81	80.19	.95	-.45	-3.28	1.92	1.06		.14	.14	.134
		14.1	36.96	-19.41	-19.62	1.89	-.33	-3.28	1.92	.49		.23	.23	.109
		18.8	36.96	-34.64	-152.22	2.83	-.20	-3.28	1.92	2.75		.32	.32	.205
701- 704 137- 1		0.0	-7.19	9.12	80.18	-.97	-.22	-7.67	-.37	-1.07		.17	.17	.070
		4.7	-7.20	-1.07	88.77	-.05	-.14	-7.67	-.37	-1.57		.08	.08	.091
		9.4	-7.21	-7.57	85.34	.88	-.09	-7.67	-.37	-1.16		.16	.16	.074
		14.1	-7.21	-11.70	-10.15	1.80	-.06	-7.67	-.37	-.27		.26	.26	.036
		18.8	-7.22	-14.77	-137.62	2.73	-.05	-7.67	-.38	-2.44		.35	.35	.128
701- 801 JL7- 1		0.0	64.30	214.60	-708.89	9.62	-1.78	170.31	.94	.94		.39	.39	.083
		7.1	64.81	84.93	-1266.03	5.59	-1.27	170.31	.92	1.61		.22	.22	.110
		14.2	63.33	-1.05	-1340.01	-1.74	-.76	170.31	.90	1.70		.16	.16	.113
		21.3	61.84	-85.54	-984.01	-8.98	-.29	170.31	.88	1.25		.29	.29	.093
		28.4	60.46	-51.93	-250.48	-10.71	.14	170.31	.86	.35		.41	.41	.053

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

DATE 08/27/76

U.S. NAVY - ACHN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
701- 800 200- 1		0.0	-93.92	-202.36	-432.30	-6.26	2.36	-5.49	-2.47	-2.67		.37	.37	.255
		12.5	-93.46	64.46	233.03	-2.65	1.19	-5.49	-2.47	-1.35		.17	.17	.203
		25.1	-93.79	155.51	386.79	.55	.02	-5.49	-2.47	-2.33		.04	.04	.241
		37.6	-93.70	72.96	84.42	3.41	-1.11	-5.49	-2.46	-.62		.20	.20	.175
		50.2	-93.61	-175.39	-623.35	5.94	-2.17	-5.49	-2.46	-3.62		.35	.35	.291
702- 703 137- 1		0.0	41.34	-35.19	-98.35	-2.24	-.02	5.02	2.15	1.84		.28	.28	.177
		4.7	41.34	-32.17	1.51	-1.31	.13	5.02	2.15	.57		.18	.18	.123
		9.4	41.34	-20.21	49.23	-.39	.30	5.02	2.15	.94		.10	.10	.139
		14.1	41.34	2.04	45.49	.52	.49	5.02	2.15	.80		.12	.12	.133
		18.8	41.34	35.91	-9.07	1.42	.71	5.02	2.15	.65		.21	.21	.127
702- 704 107- 1		0.0	-.41	-5.17	2.62	.00	-.10	1.58	-.03	-.19		.04	.04	.010
		4.7	-.41	-7.92	2.50	.00	-.00	1.58	-.03	-.28		.03	.03	.014
		9.4	-.41	-5.40	2.51	.00	.09	1.58	-.03	-.20		.04	.04	.010
		14.1	-.41	2.41	2.46	.00	.19	1.58	-.03	-.12		.06	.06	.007
		18.8	-.41	15.48	2.41	.00	.28	1.58	-.03	-.52		.07	.07	.024
702- 705 107- 1		0.0	-6.37	-2.98	-56.49	-1.61	-.09	-.91	-.54	-1.89		.29	.29	.111
		4.7	-6.35	-5.62	11.45	-.61	-.01	-.91	-.53	-.43		.15	.15	.049
		9.4	-6.34	-4.31	34.25	-.00	.05	-.91	-.53	-1.15		.02	.02	.079
		14.1	-6.34	-.56	11.57	.61	.09	-.91	-.53	-.39		.15	.15	.047
		18.8	-6.35	4.92	-56.91	1.63	.10	-.91	-.53	-1.91		.29	.29	.111
703- 705 137- 1		0.0	-29.68	22.66	-86.24	-.71	-.60	-3.79	-1.54	-1.57		.13	.13	.169
		4.7	-29.68	-5.85	-46.16	-.71	-.42	-3.79	-1.54	-.82		.12	.12	.137
		9.4	-29.68	-24.07	-6.07	-.71	-.23	-3.79	-1.54	-.44		.11	.11	.121
		14.1	-29.68	-32.00	34.01	-.71	-.05	-3.79	-1.54	-.82		.11	.11	.137
		18.8	-29.68	-29.84	74.09	-.71	.13	-3.79	-1.54	-1.41		.11	.11	.162
703- 801 200- 1		0.0	-90.45	-178.83	664.22	7.28	1.16	12.53	-2.38	-3.85		.42	.42	.307
		12.5	-90.63	-29.05	-147.23	3.57	.82	12.53	-2.38	-.84		.23	.23	.181
		25.1	-90.57	62.66	-427.32	.21	.39	12.53	-2.38	-2.42		.06	.06	.247
		37.6	-90.47	83.14	-223.75	-2.87	-.15	12.53	-2.38	-1.34		.19	.19	.201
		50.2	-90.37	23.75	421.01	-5.66	-.67	12.53	-2.38	-2.36		.33	.33	.244
703- 803 JL7- 1		0.0	-462.18	-674.26	1248.30	-.58	-7.35	189.11	-6.54	-1.80		.33	.33	.385
		7.1	-463.62	-1071.77	1180.89	2.10	-2.10	189.11	-6.56	-2.03		.20	.20	.394
		14.2	-465.07	-1044.67	900.65	4.44	2.53	189.11	-6.58	-1.76		.26	.26	.385
		21.3	-466.54	-656.35	432.65	6.51	6.63	189.11	-6.60	-1.00		.38	.38	.358
		28.4	-468.00	66.10	-201.37	8.35	10.26	189.11	-6.62	-.27		.49	.49	.333
704- 705 107- 1		0.0	6.72	5.57	-66.16	-1.66	-.00	-.13	.56	2.22		.28	.28	.120
		4.7	6.72	4.25	5.05	-.87	-.04	-.13	.56	.22		.15	.15	.035
		9.4	6.72	1.12	31.54	-.07	-.07	-.13	.56	1.05		.02	.02	.070
		14.1	6.72	-2.98	12.78	.73	-.06	-.13	.56	.44		.13	.13	.045
		18.8	6.72	-7.25	-50.66	1.53	-.08	-.13	.56	1.71		.26	.26	.098

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

U.S. NAVY - ACMN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL SIM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
704- 706	137- 1	0.0	-12.22	-11.07	-69.05	-1.91	.23	11.42	-.64	-1.23		.30	.30	.094
		4.7	-12.23	1.57	12.34	-.98	.22	11.42	-.64	-.22		.21	.21	.052
		9.4	-12.24	13.29	41.67	-.06	.20	11.42	-.64	.77		.12	.12	.075
		14.1	-12.25	23.41	18.92	.87	.16	11.42	-.64	.53		.19	.19	.065
		18.8	-12.25	31.30	-55.91	1.79	.12	11.42	-.64	1.13		.29	.29	.090
705- 706	137- 1	0.0	-38.94	-24.46	-33.48	-.33	.15	-2.16	-2.02	-.73		.06	.06	.166
		4.7	-38.94	-10.62	-14.86	-.33	.34	-2.16	-2.02	-.32		.07	.07	.148
		9.4	-38.94	13.42	3.75	-.33	.51	-2.16	-2.02	.25		.08	.08	.145
		14.1	-38.94	46.42	22.37	-.33	.65	-2.16	-2.02	.91		.10	.10	.173
		18.8	-38.94	86.41	40.99	-.33	.76	-2.16	-2.02	1.69		.11	.11	.206
706- 803	200- 1	0.0	178.63	366.86	-108.70	-.50	-3.24	4.87	4.70	2.15		.19	.19	.308
		12.5	178.69	-20.53	-41.13	-.40	-1.69	4.87	4.70	.26		.11	.11	.228
		25.1	178.76	-198.48	11.80	-.30	-.48	4.87	4.70	1.11		.04	.04	.264
		37.6	178.82	-165.47	50.09	-.21	.92	4.87	4.70	.97		.06	.06	.258
		50.2	178.88	78.58	73.75	-.11	2.32	4.87	4.70	.60		.14	.14	.243
706- 806	JL7- 1	0.0	464.19	543.64	-483.95	-8.50	7.18	.28	6.57	.93		.31	.31	.343
		7.1	462.74	936.57	103.14	-5.55	2.20	.28	6.55	1.20		.16	.16	.354
		14.2	461.29	936.65	437.72	-2.56	-2.16	.28	6.53	1.31		.09	.09	.357
		21.3	459.81	585.14	548.65	-.09	-6.03	.28	6.50	1.02		.17	.17	.348
		28.4	458.35	-76.55	459.70	2.14	-9.49	.28	6.48	.59		.28	.28	.325
710- 810	P2- 1	0.0	-143.44	477.38	-3170.21	-7.55	-2.24	422.39	-.57	-1.34		.15	.15	.084
		7.1	-148.64	323.08	-2544.62	-7.55	-1.38	422.39	-.59	-1.07		.15	.15	.074
		14.2	-153.84	242.41	-1919.03	-7.55	-.52	422.39	-.61	-.81		.15	.15	.064
		21.3	-159.04	235.37	-1293.44	-7.55	.35	422.39	-.63	-.55		.15	.15	.054
		28.4	-164.24	301.96	-667.84	-7.55	1.21	422.39	-.65	-.31		.15	.15	.045
711- 811	P2- 1	0.0	492.05	-2264.02	371.52	1.34	-2.36	420.31	1.96	.96		.11	.11	.131
		7.1	486.85	-2428.17	257.21	1.34	-1.50	420.31	1.94	1.02		.10	.10	.133
		14.2	481.65	-2518.68	142.90	1.34	-.63	420.31	1.92	1.05		.10	.10	.133
		21.3	476.45	-2535.57	28.59	1.34	.23	420.31	1.90	1.06		.10	.10	.132
		28.4	471.25	-2478.85	-85.72	1.34	1.10	420.31	1.88	1.03		.10	.10	.130
712- 812	P2- 1	0.0	-822.90	1911.05	144.15	1.02	-.05	136.81	-3.27	-.80		.08	.08	.190
		7.1	-828.00	1943.86	56.95	1.02	.82	136.81	-3.29	-.81		.08	.08	.191
		14.2	-833.20	2050.38	-50.25	1.02	1.68	136.81	-3.32	-.85		.08	.08	.198
		21.3	-838.40	2230.61	-117.42	1.02	2.55	136.81	-3.34	-.93		.05	.05	.198
		28.4	-843.61	2484.55	-204.60	1.02	3.42	136.81	-3.36	-1.04		.06	.06	.203
801- 802	148- 1	0.0	3.80	82.15	114.05	-.50	-.51	-5.25	.18	2.05		.11	.11	.094
		5.7	3.80	43.09	124.49	.24	-.53	-5.25	.18	1.90		.09	.09	.048
		11.4	3.80	10.44	82.10	.98	-.43	-5.25	.18	1.20		.14	.14	.059
		17.1	3.80	-14.80	-10.54	1.72	-.51	-5.25	.18	.26		.20	.20	.019
		22.8	3.80	-51.06	-153.42	2.46	-.18	-5.25	.18	2.27		.27	.27	.104

LOAD CONDITION NO. 6

U.S. NAVY - ACMN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
801- 804 140- 1		0.0	-33.22	-6.09	112.28	-.54	-.17	-15.99	-1.57	-1.63		.15	.15	.180
		5.7	-33.22	-14.68	122.20	.25	-.09	-13.99	-1.57	-1.78		.13	.13	.187
		11.4	-33.24	-19.19	78.85	1.02	-.04	-13.99	-1.57	-1.17		.20	.20	.161
		17.1	-33.26	-20.00	-16.94	1.78	.01	-13.99	-1.57	-.36		.27	.27	.128
		22.8	-33.29	-16.27	-164.31	2.53	.04	-13.99	-1.57	2.39		.34	.34	.213
801- 901 JL8- 1		0.0	-44.25	295.70	-333.74	5.42	-2.25	50.69	-.03	-.57		.20	.20	.055
		8.1	-45.89	96.12	-647.31	1.10	-1.77	50.69	-.05	-.83		.09	.09	.067
		16.2	-47.53	-51.55	-563.36	-2.77	-1.31	50.69	-.07	-.72		.12	.12	.063
		24.3	-49.18	-156.17	-119.72	-6.29	-.89	50.69	-.70	-.25		.21	.21	.045
		32.4	-50.83	-224.26	650.72	-9.48	-.47	50.69	-.72	-.88		.30	.30	.072
801- 903 200- 1		0.0	90.60	256.99	-270.10	-4.16	-2.29	-13.76	2.38	2.21		.29	.29	.203
		14.9	90.69	-21.21	243.56	-1.62	-1.17	-13.76	2.38	1.37		.14	.14	.148
		29.8	90.71	-135.92	323.90	.07	-.15	-13.76	2.38	1.97		.07	.07	.193
		44.7	90.77	-73.14	22.64	2.05	.81	-13.76	2.39	.43		.18	.18	.128
		59.6	90.87	148.86	-608.07	4.37	1.65	-13.76	2.39	3.50		.28	.28	.258
802- 803 148- 1		0.0	7.91	-31.68	-85.10	-1.65	-.06	13.64	.37	1.31		.25	.25	.073
		5.7	7.91	-32.00	2.12	-.91	.07	13.64	.37	.46		.18	.18	.037
		11.4	7.91	-21.99	38.70	-.16	.23	13.64	.37	.64		.13	.13	.044
		17.1	7.91	-.68	24.65	.58	.40	13.64	.37	.36		.16	.16	.032
		22.8	7.91	32.69	-40.05	1.32	.59	13.64	.37	.75		.23	.23	.049
802- 804 108- 1		0.0	.30	-4.25	-7.42	-.04	-.07	4.22	.02	.40		.08	.08	.018
		5.7	.30	-10.69	-4.45	-.04	.03	4.22	.02	.39		.08	.08	.017
		11.4	.30	-6.31	-1.48	-.04	.10	4.22	.02	.22		.09	.09	.010
		17.1	.30	2.29	1.50	-.04	.15	4.22	.02	.09		.10	.10	.005
		22.8	.30	14.79	4.47	-.04	.21	4.22	.02	.52		.11	.11	.023
802- 805 108- 1		0.0	-5.73	-8.07	-60.89	-1.23	-.03	-3.58	-.48	-2.05		.27	.27	.117
		5.7	-5.72	-8.45	2.94	-.64	.02	-3.58	-.48	-.30		.17	.17	.043
		11.4	-5.71	-5.91	26.65	-.05	.05	-3.58	-.48	-.91		.07	.07	.068
		17.1	-5.70	-1.42	10.23	.53	.08	-3.58	-.48	-.35		.15	.15	.045
		22.8	-5.69	4.05	-46.29	1.12	.08	-3.58	-.48	-1.55		.25	.25	.095
803- 805 148- 1		0.0	25.15	-24.62	-42.29	-.27	-.50	1.03	1.19	.71		.05	.05	.085
		5.7	25.15	-40.39	-23.77	-.27	-.16	1.03	1.19	.68		.04	.04	.083
		11.4	25.15	-46.02	-5.25	-.27	-.03	1.03	1.19	.68		.03	.03	.084
		17.1	25.15	-43.64	13.28	-.27	.11	1.03	1.19	.66		.04	.04	.083
		22.8	25.15	-31.61	31.80	-.27	.25	1.03	1.19	.65		.04	.04	.082
803- 903 JL8- 1		0.0	-206.07	-140.72	10.63	-2.03	-5.79	104.03	-3.76	-.18		.24	.24	.192
		8.1	-207.76	-521.44	114.32	-.18	-2.11	104.03	-3.79	-.68		.13	.13	.211
		16.2	-209.37	-554.02	54.32	1.42	1.15	104.03	-3.81	-.72		.12	.12	.214
		24.3	-211.04	-310.02	-154.48	2.83	4.01	104.03	-3.83	-.44		.21	.21	.215
		32.4	-212.69	205.30	-491.82	4.07	6.54	104.03	-3.86	-.88		.28	.28	.215

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

U.S. NAVY - ACMR PLATFORMS - PLATFORM 83 + 84 - MSL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906 200- 1		0.0	-190.02	-321.42	-80.73	-.38	1.70	10.26	-4.99	-1.85		.12	.12	.420
		14.9	-189.96	-53.56	-24.44	-.25	1.25	10.26	-4.99	-.33		.10	.10	.349
		29.8	-189.96	107.20	8.34	-.12	.53	10.26	-4.99	-.60		.06	.06	.362
		44.7	-189.91	128.57	17.67	.01	-.30	10.26	-4.99	-.73		.04	.04	.368
		59.6	-189.80	-6.58	3.99	.14	-1.22	10.26	-4.99	-.04		.09	.09	.355
804- 805 108- 1		0.0	5.42	10.66	-55.41	-1.19	-.05	-.52	.45	1.89		.21	.21	.100
		5.7	5.42	7.55	6.61	-.02	-.05	-.52	.45	.34		.11	.11	.035
		11.4	5.42	4.44	28.67	-.03	-.05	-.52	.45	.97		.02	.02	.062
		17.1	5.42	1.34	9.79	.58	-.05	-.52	.45	.33		.11	.11	.035
		22.8	5.42	-1.77	-51.01	1.20	-.05	-.52	.45	1.71		.21	.21	.093
804- 806 148- 1		0.0	-36.92	-19.41	-104.43	-1.83	.30	10.42	-1.74	-1.54		.25	.25	.189
		5.7	-36.95	1.56	-4.48	-1.09	.32	10.42	-1.74	-.07		.18	.18	.127
		11.4	-36.98	23.42	45.18	-.36	.32	10.42	-1.74	.74		.12	.12	.155
		17.1	-36.98	45.11	45.05	.36	.31	10.42	-1.74	-.92		.12	.12	.163
		22.8	-36.95	65.54	-4.39	1.08	.28	10.42	-1.74	-.95		.18	.18	.164
805- 806 148- 1		0.0	17.59	-32.25	-65.50	-.54	.28	-2.46	.83	1.06		.08	.08	.083
		5.7	17.59	-8.10	-28.83	-.54	.42	-2.46	.83	.43		.08	.08	.057
		11.4	17.59	25.41	7.84	-.54	.56	-2.46	.83	.38		.09	.09	.055
		17.1	17.59	67.94	44.52	-.54	.68	-2.46	.83	1.18		.10	.10	.088
		22.8	17.59	117.68	81.19	-.54	.77	-2.46	.83	2.07		.11	.11	.126
806- 901 200- 1		0.0	103.12	243.90	580.47	5.55	-1.50	22.98	2.71	3.52		.36	.36	.274
		14.9	103.28	31.67	-130.01	2.62	-.87	22.98	2.71	.75		.21	.21	.157
		29.8	103.40	-69.76	-367.95	.08	-.27	22.98	2.72	2.10		.08	.08	.214
		44.7	103.47	-65.45	-178.06	-2.16	.31	22.98	2.72	1.06		.18	.18	.171
		59.6	103.51	39.50	394.95	-4.22	.86	22.98	2.72	2.22		.29	.29	.219
806- 906 JL6- 1		0.0	347.39	143.02	251.22	-3.43	5.73	294.39	4.91	.37		.38	.38	.243
		8.1	345.70	523.92	470.62	-1.12	2.16	294.39	4.89	.90		.26	.26	.264
		16.2	344.01	576.09	476.61	.96	-1.03	294.39	4.87	.95		.23	.23	.265
		24.3	342.33	355.59	269.24	2.66	-3.66	294.39	4.84	.56		.32	.32	.248
		32.4	340.66	-100.23	-73.61	4.57	-6.42	294.39	4.82	.23		.41	.41	.233
810- 910 M2- 1		0.0	-164.23	302.00	-867.90	-7.32	-4.08	187.43	-.65	-.31		.11	.11	.045
		8.1	-170.16	-46.36	44.51	-7.32	-3.09	187.43	-.68	-.03		.10	.10	.035
		16.2	-176.12	-298.70	757.01	-7.32	-2.10	187.43	-.70	.34		.10	.10	.049
		24.3	-182.07	-454.41	1469.51	-7.32	-1.10	187.43	-.72	-.64		.10	.10	.063
		32.4	-188.01	-513.50	2182.01	-7.32	-.11	187.43	-.75	-.93		.10	.10	.077
811- 911 M2- 1		0.0	471.24	-2476.65	-83.31	1.42	13.55	404.87	1.88	1.03		.19	.19	.130
		8.1	465.59	-1113.65	-221.90	1.42	14.52	404.87	1.85	.47		.20	.20	.106
		16.2	459.95	340.16	-360.49	1.42	15.52	404.87	1.83	.21		.21	.21	.093
		24.3	454.31	1900.01	-499.08	1.42	16.51	404.87	1.80	.82		.22	.22	.118
		32.4	447.67	3561.86	-637.67	1.42	17.50	404.87	1.78	1.51		.22	.22	.146

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 6

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
812- 912	P2- 1	0.0	-843.58	2484.55	-204.00	1.02	-14.75	737.48	-3.36	-1.04		.27	.27	.205
		8.1	-849.53	1097.15	-303.65	1.02	-13.76	737.48	-3.38	-.47		.26	.26	.185
		16.2	-855.47	-193.75	-403.29	1.02	-12.77	737.48	-3.40	-.19		.26	.26	.176
		24.3	-861.41	-1348.10	-502.94	1.02	-11.78	737.48	-3.43	-.62		.25	.25	.193
		32.4	-867.36	-2485.90	-602.58	1.02	-10.78	737.48	-3.45	-1.07		.24	.24	.210
901- 902	169- 1	0.0	-41.42	66.42	146.31	-.44	-.32	-4.74	-1.70	-1.76		.07	.07	.200
		6.9	-41.42	40.61	154.74	.23	-.30	-4.74	-1.70	-1.75		.06	.06	.200
		13.7	-41.42	17.47	108.18	.89	-.27	-4.74	-1.70	-1.20		.10	.10	.177
		20.6	-41.42	-5.65	8.05	1.54	-.24	-4.74	-1.70	-.10		.15	.15	.130
		27.4	-41.42	-22.46	-144.23	2.16	-.22	-4.74	-1.70	-1.60		.20	.20	.193
901- 904	169- 1	0.0	-34.36	-25.02	150.00	-.31	.03	-10.22	-1.41	-1.66		.08	.08	.175
		6.9	-34.38	-21.04	148.79	.34	.05	-10.22	-1.41	-1.64		.08	.08	.174
		13.7	-34.41	-17.45	94.36	.98	.05	-10.22	-1.41	-1.05		.14	.14	.149
		20.6	-34.43	-13.77	-13.22	1.63	.04	-10.22	-1.41	-.21		.19	.19	.114
		27.4	-34.45	-12.10	-173.94	2.28	.00	-10.22	-1.41	-1.91		.24	.24	.185
901-1001	JL9- 1	0.0	6.71	-252.02	611.72	6.69	.10	-.12	.09	.84		.19	.19	.040
		8.1	5.06	-223.13	102.76	3.61	.49	-.12	.07	.31		.11	.11	.016
		16.2	3.39	-159.02	-136.75	1.15	.82	-.12	.05	.27		.04	.04	.013
		24.3	1.72	-65.09	-127.20	-1.31	1.11	-.12	.02	.18		.05	.05	.009
		32.4	.05	56.85	111.85	-3.56	1.40	-.12	.00	.16		.11	.11	.007
901-1002	180- 1	0.0	87.60	96.45	-37.20	-1.77	-1.00	-31.24	3.19	.88		.28	.28	.145
		10.6	87.84	2.70	118.02	-.69	-.49	-31.24	3.20	1.01		.20	.20	.190
		21.1	87.96	-30.70	141.09	.31	-.05	-31.24	3.20	1.23		.16	.16	.200
		31.7	88.14	-11.44	41.62	1.24	.34	-31.24	3.21	.37		.23	.23	.164
		42.2	88.32	50.08	-167.05	2.03	.61	-31.24	3.21	1.49		.29	.29	.211
901-1004	180- 1	0.0	-91.49	-99.52	-81.30	-1.99	1.28	-22.46	-3.33	-1.10		.27	.27	.241
		10.6	-91.37	20.52	102.11	-.91	.61	-22.46	-3.32	-.89		.18	.18	.232
		21.1	-91.26	55.65	152.74	.11	-.08	-22.46	-3.32	-1.38		.11	.11	.251
		31.7	-91.11	3.50	76.65	1.09	-.71	-22.46	-3.31	-.66		.19	.19	.222
		42.2	-90.93	-124.41	-114.62	1.98	-1.31	-22.46	-3.31	-1.47		.27	.27	.254
902- 903	169- 1	0.0	-37.75	-20.03	-67.92	-1.20	-.10	10.86	-1.55	-.77		.16	.16	.148
		6.9	-37.75	-27.14	5.12	-.58	-.07	10.86	-1.55	-.30		.11	.11	.128
		13.7	-37.75	-30.57	27.42	.04	-.01	10.86	-1.55	-.45		.06	.06	.134
		20.6	-37.75	-28.93	-1.04	.65	.06	10.86	-1.55	-.32		.11	.11	.128
		27.4	-37.75	-20.81	-80.24	1.27	.14	10.86	-1.55	-.91		.16	.16	.153
902- 904	109- 1	0.0	.55	-6.46	-11.70	-.05	-.06	3.95	.05	.45		.08	.08	.021
		6.9	.55	-8.51	-7.34	-.05	.01	3.95	.05	.38		.08	.08	.018
		13.7	.55	-4.95	-2.96	-.05	.06	3.95	.05	.19		.08	.08	.010
		20.6	.55	4.29	1.34	-.05	.15	3.95	.05	.15		.09	.09	.008
		27.4	.55	14.14	5.75	-.05	.21	3.95	.05	.67		.10	.10	.030

LOAD CONDITION NO. 6

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905	109- 1	0.0	-4.97	-8.07	-64.61	-1.00	-.05	-2.08	-.42	-2.18		.20	.20	.121
		6.9	-4.94	-9.66	-1.22	-.54	.01	-2.08	-.42	-.33		.13	.13	.043
		13.7	-4.92	-7.41	24.41	-.08	.05	-2.08	-.41	-.85		.05	.05	.065
		20.6	-4.89	-2.15	12.31	.38	.08	-2.08	-.41	-.42		.10	.10	.046
		27.4	-4.86	4.51	-37.54	.84	.08	-2.08	-.41	-1.26		.18	.18	.042
903- 905	109- 1	0.0	68.92	-79.92	3.18	.00	.16	-.68	2.83	.87		.02	.02	.168
		6.9	68.92	-65.95	3.10	.00	.18	-.68	2.83	.72		.02	.02	.161
		13.7	68.92	-49.73	3.01	.00	.21	-.68	2.83	.54		.02	.02	.154
		20.6	68.92	-31.25	2.92	.00	.24	-.68	2.83	.34		.02	.02	.145
		27.4	68.92	-10.51	2.83	.00	.27	-.68	2.83	.12		.03	.03	.136
903-1002	180- 1	0.0	-41.22	-86.23	206.21	2.51	.86	-9.73	-3.32	-1.91		.22	.22	.272
		10.6	-41.03	-4.39	-12.35	1.16	.43	-9.73	-3.31	-.11		.13	.13	.201
		21.1	-40.85	26.35	-90.59	.09	-.01	-9.73	-3.31	-.40		.05	.05	.227
		31.7	-40.66	-6.75	-38.46	-.90	-.45	-9.73	-3.30	-.33		.11	.11	.209
		42.2	-40.51	-42.45	134.09	-1.81	-.90	-9.73	-3.29	-1.39		.19	.19	.250
903-1003	JL9- 1	0.0	-30.80	43.85	-635.61	-3.59	-3.38	284.13	-.44	-.81		.32	.32	.056
		8.1	-32.47	-175.55	-339.96	-2.51	-1.12	284.13	-.46	-.49		.26	.26	.043
		16.2	-34.16	-181.78	-141.60	-1.58	.92	284.13	-.48	-.29		.23	.23	.036
		24.3	-35.83	-1.59	-29.09	-.75	2.75	284.13	-.51	-.04		.26	.26	.027
		32.4	-37.49	344.11	7.90	-.03	4.31	284.13	-.53	-.44		.30	.30	.045
903-1005	180- 1	0.0	-177.66	-200.82	-32.48	-.30	1.73	.12	-6.46	-1.74		.13	.13	.459
		10.6	-177.48	-29.55	-4.56	-.16	.97	.12	-6.46	-.26		.07	.07	.394
		21.1	-177.33	42.54	7.76	-.04	.17	.12	-6.45	-.37		.01	.01	.398
		31.7	-177.19	12.61	5.69	.07	-.64	.12	-6.45	-.12		.05	.05	.387
		42.2	-177.05	-118.60	-10.79	.19	-1.44	.12	-6.44	-1.02		.11	.11	.426
904- 905	109- 1	0.0	4.42	6.47	-54.78	-.99	-.03	-2.09	.37	1.85		.20	.20	.095
		6.9	4.42	5.62	6.62	-.51	-.03	-2.09	.37	.29		.12	.12	.030
		13.7	4.42	3.18	28.54	-.03	-.03	-2.09	.37	.96		.04	.04	.058
		20.6	4.42	.53	10.99	.45	-.03	-2.09	.37	.37		.11	.11	.033
		27.4	4.42	-2.11	-46.03	.93	-.03	-2.09	.37	1.54		.19	.19	.082
904- 906	169- 1	0.0	-37.29	-8.58	-113.41	-1.56	.25	16.72	-1.53	-1.24		.22	.22	.166
		6.9	-37.31	10.47	-11.51	-.92	.21	16.72	-1.53	-.17		.17	.17	.121
		13.7	-37.33	25.94	37.61	-.27	.17	16.72	-1.53	-.50		.12	.12	.135
		20.6	-37.36	38.03	33.36	.37	.13	16.72	-1.53	-.55		.12	.12	.137
		27.4	-37.38	46.75	-24.08	1.02	.09	16.72	-1.54	-.57		.18	.18	.138
905- 906	169- 1	0.0	62.75	-10.81	-60.74	-.44	.36	-2.77	2.58	.89		.06	.06	.157
		6.9	62.75	16.45	-44.56	-.44	.34	-2.77	2.58	.52		.06	.06	.141
		13.7	62.75	45.96	-7.96	-.44	.31	-2.77	2.58	.51		.06	.06	.141
		20.6	62.75	77.12	28.40	-.44	.40	-2.77	2.58	.90		.06	.06	.157
		27.4	62.75	111.75	64.76	-.44	.45	-2.77	2.58	1.41		.07	.07	.179

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 6

U.S. NAVY - ACAN PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
906-1004	180- 1	0.0	88.99	72.68	199.35	2.41	-.58	-18.09	3.24	1.81		.26	.26	.226
		10.6	89.14	16.49	-28.50	1.20	-.31	-18.09	3.24	.28		.17	.17	.162
		21.1	89.35	-6.26	-107.57	.05	-.06	-18.09	3.25	.92		.08	.08	.189
		31.7	89.53	-.19	-44.08	-1.04	.15	-18.09	3.26	.38		.15	.15	.167
		42.2	89.69	30.17	152.41	-2.04	.33	-18.09	3.26	1.33		.23	.23	.207
906-1005	180- 1	0.0	175.58	112.97	-34.11	-.20	-1.24	-5.86	6.39	1.01		.12	.12	.338
		10.6	175.74	-1.17	-11.68	.15	-.57	-5.86	6.39	.10		.07	.07	.300
		21.1	175.90	-30.46	4.09	-.09	.10	-5.86	6.40	.26		.03	.03	.307
		31.7	176.02	22.27	8.22	.03	.73	-5.86	6.40	.20		.08	.08	.305
		42.2	176.16	149.45	-2.14	.15	1.27	-5.86	6.41	1.28		.12	.12	.350
906-1006	JL9- 1	0.0	43.65	214.66	73.42	-2.76	3.17	250.43	.62	.29		.28	.28	.041
		8.1	41.99	406.50	264.76	-1.20	.79	250.43	.59	.62		.20	.20	.053
		16.2	40.32	375.65	309.78	.26	-1.44	250.43	.57	.62		.20	.20	.052
		24.3	38.66	131.91	216.72	1.64	-3.50	250.43	.55	.32		.27	.27	.039
		32.4	36.99	-300.79	-6.19	2.42	-5.36	250.43	.52	.38		.33	.33	.040
1010- 910	P3- 1	0.0	-215.97	-154.84	-5044.41	-7.35	-3.25	169.12	-.73	-1.82		.08	.08	.113
		8.1	-208.98	-414.20	-4328.93	-7.35	-2.08	169.12	-.71	-1.57		.08	.08	.101
		16.2	-201.99	-560.10	-3613.46	-7.35	-.92	169.12	-.68	-1.32		.06	.08	.089
		24.3	-195.00	-592.51	-2897.99	-7.35	.25	169.12	-.66	-1.07		.08	.08	.078
		32.4	-188.01	-511.46	-2182.52	-7.35	1.42	169.12	-.64	-.81		.08	.08	.066
1011- 911	P3- 1	0.0	419.56	-16671.25	1194.03	1.44	49.64	920.93	1.42	6.03		.50	.50	.319
		8.1	426.56	-11785.15	1053.97	1.44	50.81	920.93	1.44	4.27		.51	.51	.246
		16.2	433.55	-6781.53	913.92	1.44	51.97	920.93	1.47	2.47		.52	.52	.172
		24.3	440.54	-1666.46	773.86	1.44	53.14	920.93	1.49	.66		.53	.53	.097
		32.4	447.53	3562.06	633.80	1.44	54.30	920.93	1.51	1.30		.53	.53	.125
1012- 912	P3- 1	0.0	-895.38	16018.54	1000.99	1.02	-49.86	894.59	-3.03	-5.79		.50	.50	.394
		8.1	-868.39	11222.09	901.34	1.02	-48.70	894.59	-3.00	-4.06		.49	.49	.320
		16.2	-841.40	6539.20	801.70	1.02	-47.53	894.59	-2.98	-2.38		.48	.48	.248
		24.3	-814.41	1969.87	702.06	1.02	-46.36	894.59	-2.96	-.75		.48	.48	.179
		32.4	-787.42	-2485.90	602.41	1.02	-45.20	894.59	-2.93	-.92		.47	.47	.185
1001-1002	200- 1	0.0	4.70	64.78	343.91	.14	-.25	30.86	.12	1.96		.10	.10	.088
		8.0	4.70	38.80	299.66	.78	-.31	30.86	.12	1.69		.13	.13	.077
		16.0	4.70	5.12	195.81	1.42	-.39	30.86	.12	1.08		.16	.16	.051
		24.0	4.70	-36.26	26.36	2.06	-.47	30.86	.12	.25		.20	.20	.016
		32.0	4.70	-85.34	-202.67	2.70	-.55	30.86	.12	1.23		.23	.23	.058
1001-1004	200- 1	0.0	-1.80	-96.90	355.67	.23	.50	66.97	-.05	-2.06		.22	.22	.090
		8.0	-1.80	-53.01	302.97	.87	.42	66.97	-.05	-1.72		.24	.24	.076
		16.0	-1.79	-10.81	184.19	1.52	.34	66.97	-.05	-1.06		.27	.27	.048
		24.0	-1.79	11.54	11.32	2.16	.26	66.97	-.05	-.09		.30	.30	.007
		32.0	-1.79	32.47	-227.52	2.81	.18	66.97	-.05	-1.29		.34	.34	.057

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 6

U.S. NAVY - ACMH PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL SIM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	127.80	44.04	-70.36	-.91	-.34	-29.04	3.36	.86		.13	.13	.175
		8.0	127.80	7.09	-13.10	-.28	-.42	-29.04	3.36	.08		.11	.11	.159
		16.0	127.80	-37.55	-15.88	.33	-.50	-29.04	3.36	.23		.11	.11	.165
		24.0	127.80	-89.90	-75.61	.92	-.58	-29.04	3.36	.66		.14	.14	.183
		32.0	127.80	-149.94	-191.56	1.49	-.66	-29.04	3.36	1.36		.17	.17	.213
1002-1004	140- 1	0.0	.33	-110.79	-36.90	-.19	.76	13.37	.02	2.19		.22	.22	.093
		8.0	.33	-45.48	-19.07	-.19	.64	13.37	.02	.89		.21	.21	.038
		16.0	.33	13.05	-1.24	-.19	.53	13.37	.02	.25		.20	.20	.011
		24.0	.33	58.60	16.59	-.19	.42	13.37	.02	1.15		.18	.18	.049
		32.0	.33	93.77	34.45	-.19	.31	13.37	.02	1.88		.17	.17	.090
1002-1005	140- 1	0.0	-9.23	-82.67	-65.84	-1.05	.50	-5.74	-.58	-2.24		.20	.20	.128
		8.0	-9.24	-39.55	-7.42	-.58	.39	-5.74	-.58	-.76		.14	.14	.066
		16.0	-9.25	-7.21	26.10	-.12	.28	-5.74	-.58	-.51		.09	.09	.055
		24.0	-9.25	14.55	14.74	.55	.17	-5.74	-.58	-.39		.10	.10	.050
		32.0	-9.26	25.15	-41.53	.82	.06	-5.74	-.58	-.91		.16	.16	.072
1003-1005	200- 1	0.0	124.92	-275.63	26.76	-.05	1.26	-10.05	3.28	1.55		.09	.09	.217
		8.0	124.92	-156.51	51.20	-.05	1.18	-10.05	3.28	.90		.09	.09	.190
		16.0	124.92	-49.08	55.65	-.05	1.10	-10.05	3.28	.34		.09	.09	.166
		24.0	124.92	52.04	40.07	-.05	1.02	-10.05	3.28	.37		.08	.08	.168
		32.0	124.92	146.66	44.51	-.05	.94	-10.05	3.28	.86		.08	.08	.198
1004-1005	140- 1	0.0	9.26	44.84	-62.49	-1.06	.00	-10.22	.58	1.76		.23	.23	.101
		8.0	9.26	39.62	-4.05	-.58	-.11	-10.22	.58	.75		.17	.17	.058
		16.0	9.26	23.62	28.21	-.10	-.22	-10.22	.58	.69		.13	.13	.056
		24.0	9.26	-5.18	14.27	.39	-.33	-10.22	.58	.27		.16	.16	.038
		32.0	9.26	-40.72	-45.87	.87	-.45	-10.22	.58	1.15		.22	.22	.075
1004-1006	200- 1	0.0	-125.85	-99.57	-57.93	-.92	.78	-17.59	-3.31	-.64		.11	.11	.260
		8.0	-125.85	-28.06	-.88	-.27	.70	-17.59	-3.31	-.16		.09	.09	.239
		16.0	-125.85	35.75	-5.91	.38	.62	-17.59	-3.31	-.20		.09	.09	.241
		24.0	-125.85	91.67	-73.02	1.02	.54	-17.59	-3.31	-.66		.11	.11	.260
		32.0	-125.84	140.28	-202.21	1.67	.46	-17.59	-3.31	-1.36		.14	.14	.287
1005-1006	200- 1	0.0	-117.23	-102.54	-46.97	-.06	1.10	.06	-3.08	-.63		.06	.06	.243
		8.0	-117.23	-.51	-40.95	-.06	1.02	.06	-3.08	-.23		.05	.05	.225
		16.0	-117.23	93.82	-34.69	-.06	.94	.06	-3.08	-.56		.05	.05	.240
		24.0	-117.23	180.45	-28.86	-.06	.86	.06	-3.08	-1.02		.05	.05	.260
		32.0	-117.23	259.37	-22.82	-.06	.78	.06	-3.08	-1.46		.04	.04	.279

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102	#10- 1	0.0	-4.16	548.58	7.77	.07	-7.03	.01	-.26	4.47	.72	.01	1.09	.236
		3.6	-4.16	130.21	4.83	.07	-5.31	.01	-.26	1.46	.45	.01	.82	.097
		7.3	-4.16	-55.25	1.90	.07	-3.59	.01	-.26	-.71	.18	.91	.56	.052
		10.9	-4.16	-181.82	-1.04	.07	-1.86	.01	-.26	-2.04	-.10	.01	.29	.105
		14.5	-4.16	-225.48	-3.97	.07	-.14	.01	-.26	-2.53	-.37	.01	.02	.138
101- 104	#10- 1	0.0	-4.33	400.31	6.72	.05	-7.04	-.01	-.27	4.49	.63	.01	1.09	.233
		3.6	-4.33	131.69	4.47	.05	-5.32	-.01	-.27	1.48	.42	.01	.83	.097
		7.2	-4.33	-62.09	2.22	.05	-3.60	-.01	-.27	-.70	.21	.01	.56	.054
		10.9	-4.33	-181.03	-.03	.05	-1.86	-.01	-.27	-2.03	-.00	.01	.29	.101
		14.5	-4.33	-225.14	-2.28	.05	-.15	-.01	-.27	-2.53	-.21	.01	.02	.131
101- 201	DRL- 1	0.0	-19.07	-348.03	598.83	6.29	3.85	14.49	-.21	-1.08		.17	.17	.056
		3.8	-20.23	-175.52	315.97	6.29	3.85	14.49	-.22	-.56		.17	.17	.034
		7.5	-21.39	-.40	33.11	6.29	3.85	14.49	-.23	-.05		.17	.17	.014
		11.3	-22.56	172.71	-249.75	6.29	3.85	14.49	-.25	.48		.17	.17	.032
		15.0	-23.72	345.83	-532.61	6.29	3.85	14.49	-.26	.99		.17	.17	.054
102- 103	#10- 1	0.0	-4.15	-225.45	-4.02	-.07	.20	-.02	-.26	-2.53	-.38	.01	.03	.138
		3.6	-4.15	-179.08	-1.10	-.07	1.93	-.02	-.26	-2.01	-.10	.01	.30	.104
		7.3	-4.15	-57.83	1.82	-.07	3.65	-.02	-.26	-.65	.17	.01	.57	.050
		10.9	-4.15	130.35	4.75	-.07	5.37	-.02	-.26	1.55	.44	.01	.83	.100
		14.5	-4.15	409.38	7.67	-.07	7.09	-.02	-.26	4.59	.72	.01	1.10	.241
102- 104	#06- 1	0.0	-.06	.07	-.31	-.01	-.17	-.00	-.01	.00	-.06	.00	.09	.003
		3.6	-.06	-5.61	-.08	-.01	-.09	-.00	-.01	-.27	-.01	.00	.04	.013
		7.2	-.06	-7.51	.15	-.01	-.00	-.00	-.01	-.36	.03	.00	.00	.017
		10.9	-.06	-5.63	.37	-.01	.09	-.00	-.01	-.27	.07	.00	.04	.015
		14.5	-.06	.04	.60	-.01	.17	-.00	-.01	.00	.11	.00	.09	.006
102- 105	#06- 1	0.0	-.08	-.04	.36	.01	-.17	.00	-.01	-.00	.06	.00	.09	.004
		3.6	-.08	-5.68	.09	.01	-.09	.00	-.01	-.27	.02	.00	.04	.013
		7.2	-.08	-7.55	-.16	.01	.00	.00	-.01	-.36	-.03	.00	.00	.018
		10.9	-.08	-5.63	-.44	.01	.09	.00	-.01	-.27	-.08	.00	.05	.016
		14.5	-.08	.07	-.71	.01	.17	.00	-.01	.00	-.13	.00	.09	.007
103- 105	#10- 1	0.0	-6.05	409.79	-6.41	-.05	-7.08	.01	-.37	4.60	-.60	.01	1.10	.242
		3.6	-6.05	139.40	-4.31	-.05	-5.36	.01	-.37	1.56	-.40	.01	.83	.105
		7.2	-6.05	-56.15	-2.22	-.05	-3.64	.01	-.37	-.63	-.21	.01	.56	.057
		10.9	-6.05	-176.87	-.12	-.05	-1.92	.01	-.37	-1.98	-.01	.01	.30	.105
		14.5	-6.05	-222.75	1.97	-.05	-.19	.01	-.37	-2.50	.18	.01	.03	.135
103- 203	DRL- 1	0.0	-19.17	-354.85	-614.38	-7.14	5.33	-14.07	-.21	-1.11		.21	.21	.057
		3.8	-20.33	-115.13	-295.27	-7.14	5.33	-14.07	-.22	-.49		.21	.21	.032
		7.5	-21.50	124.59	27.84	-7.14	5.33	-14.07	-.24	-.20		.21	.21	.020
		11.3	-22.66	364.31	348.95	-7.14	5.33	-14.07	-.25	.79		.21	.21	.045
		15.0	-23.82	604.03	670.06	-7.14	5.33	-14.07	-.26	1.41		.21	.21	.072

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACHR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
104- 105	#08- 1	0.0	.14	-.10	-.23	.00	-.17	-.00	.02	-.00	-.04	.00	.09	.003
		3.6	.14	-5.78	-.26	.00	-.09	-.00	.02	-.28	-.05	.00	.04	.015
		7.3	.14	-7.65	-.32	.00	-.00	-.00	.02	-.37	-.06	.00	.00	.019
		10.9	.14	-5.79	-.37	.00	.09	-.00	.02	-.28	-.07	.00	.04	.016
		14.5	.14	-.12	-.41	.00	.17	-.00	.02	-.01	-.07	.00	.09	.005
104- 106	#18- 1	0.0	-4.44	-225.07	-1.44	-.02	.19	.01	-.27	-2.53	-.13	.00	.03	.128
		3.6	-4.44	-179.18	-.75	-.02	1.92	.01	-.27	-2.01	-.07	.00	.30	.103
		7.3	-4.44	-58.37	-.05	-.02	3.64	.01	-.27	-.65	-.00	.00	.57	.043
		10.9	-4.44	137.37	.65	-.02	5.36	.01	-.27	1.54	.06	.00	.83	.083
		14.5	-4.44	414.14	1.35	-.02	12.08	.01	-.27	4.65	.13	.00	1.88	.217
105- 106	#18- 1	0.0	-6.16	-222.66	.85	.00	.15	-.02	-.38	-2.50	.08	.00	.02	.130
		3.6	-6.16	-176.52	.76	.00	1.88	-.02	-.38	-2.00	.07	.00	.29	.109
		7.3	-6.16	-54.46	.67	.00	3.60	-.02	-.38	-.67	.06	.00	.56	.052
		10.9	-6.16	134.53	.57	.00	5.32	-.02	-.38	1.51	.05	.00	.83	.087
		14.5	-6.16	403.44	.48	.00	7.04	-.02	-.38	4.53	.04	.00	1.09	.218
106- 206	DRL- 1	0.0	-19.79	761.66	-28.33	.54	-9.48	4.29	-.22	-1.19		.22	.22	.061
		3.8	-20.95	317.29	-52.76	.54	-9.88	4.29	-.23	-.50		.22	.22	.032
		7.5	-22.12	-127.09	-77.20	.54	-9.88	4.29	-.24	-.23		.22	.22	.021
		11.3	-23.28	-571.47	-101.64	.54	-9.88	4.29	-.26	-.91		.22	.22	.051
		15.0	-24.44	-1015.85	-126.07	.54	-9.88	4.29	-.27	-1.60		.22	.22	.080
201- 202	#18- 1	0.0	2.32	583.42	7.59	.06	-10.11	.05	.14	6.55	.71	.01	1.57	.315
		3.6	2.32	197.64	4.78	.06	-7.62	.05	.14	2.22	.45	.01	1.18	.121
		7.3	2.32	-79.73	1.97	.06	-5.14	.05	.14	-.89	.18	.01	.80	.053
		10.9	2.32	-249.27	-.85	.06	-2.66	.05	.14	-2.80	-.08	.01	.41	.128
		14.5	2.32	-510.81	-3.64	.06	-.17	.05	.14	-5.49	-.34	.01	.03	.169
201- 204	#18- 1	0.0	2.59	585.95	7.26	.06	-10.13	-.05	.16	6.58	.68	.01	1.57	.316
		3.6	2.59	199.36	4.77	.06	-7.65	-.05	.16	2.24	.45	.01	1.19	.122
		7.2	2.59	-79.52	2.26	.06	-5.17	-.05	.16	-.89	.21	.01	.80	.055
		10.9	2.59	-250.04	-.25	.06	-2.69	-.05	.16	-2.81	-.02	.01	.42	.127
		14.5	2.59	-512.91	-2.77	.06	-.20	-.05	.16	-5.51	-.26	.01	.03	.167
201- 301	DRL- 1	0.0	-50.97	-207.55	432.69	3.83	2.37	64.30	-.56	-.75		.15	.15	.059
		3.8	-52.13	-100.75	260.36	3.83	2.37	64.30	-.57	-.44		.15	.15	.046
		7.5	-53.29	6.03	88.04	3.83	2.37	64.30	-.58	-.14		.15	.15	.034
		11.3	-54.45	112.81	-84.28	3.83	2.37	64.30	-.60	-.22		.15	.15	.038
		15.0	-55.62	219.60	-255.61	3.83	2.37	64.30	-.61	-.53		.15	.15	.052
201- 303	120- 1	0.0	-.55	52.71	10.42	-.03	-.91	-5.06	-.03	-.45		.14	.14	.042
		8.2	-.79	-13.63	12.95	-.03	-.44	-5.06	-.04	-.33		.09	.09	.016
		16.3	-1.03	-33.92	15.48	-.03	.03	-5.06	-.05	-.64		.05	.05	.030
		24.5	-1.28	-8.84	14.00	-.03	.50	-5.06	-.07	-.34		.10	.10	.018
		32.6	-1.52	65.89	20.53	-.03	.98	-5.06	-.08	-1.22		.15	.15	.056

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
202- 203 #18- 1		0.0	2.33	-322.17	-3.65	-.06	.24	-.05	.14	-3.62	-.34	.01	.04	.175
		3.6	2.33	-257.62	-.87	-.06	2.73	-.05	.14	-2.89	-.08	.01	.42	.132
		7.3	2.33	-85.05	1.90	-.06	5.21	-.05	.14	-.95	.18	.01	.81	.055
		10.9	2.33	195.53	4.66	-.06	7.69	-.05	.14	2.19	.44	.01	1.20	.119
		14.5	2.33	584.12	7.45	-.06	10.17	-.05	.14	6.55	.70	.01	1.58	.315
202- 204 #08- 1		0.0	-.06	-11.27	-.35	-.01	-.17	.00	-.01	-.54	-.06	.00	.09	.026
		3.6	-.06	-16.98	-.10	-.01	-.09	.00	-.01	-.82	-.02	.00	.05	.036
		7.2	-.06	-18.90	.13	-.01	-.00	.00	-.01	-.91	.02	.00	.00	.040
		10.9	-.06	-17.05	.36	-.01	.09	.00	-.01	-.82	.06	.00	.04	.038
		14.5	-.06	-11.41	.59	-.01	.17	.00	-.01	-.55	.10	.00	.09	.029
202- 205 #08- 1		0.0	-.08	11.40	.33	.01	-.24	-.02	-.01	.55	.06	.00	.13	.028
		3.6	-.08	2.85	.07	.01	-.15	-.02	-.01	.14	.01	.00	.08	.008
		7.2	-.08	-1.96	-.19	.01	-.07	-.02	-.01	-.09	-.03	.01	.04	.007
		10.9	-.08	-2.97	-.45	.01	.02	-.02	-.01	-.14	-.08	.01	.02	.011
		14.5	-.08	-.20	-.72	.01	.11	-.02	-.01	-.01	-.13	.01	.06	.007
203- 205 #18- 1		0.0	3.79	1305.68	-6.93	-.05	-22.69	-.06	.23	14.63	-.65	.01	3.52	.657
		3.6	3.79	439.62	-4.63	-.05	-17.05	-.06	.23	4.93	-.43	.01	2.65	.239
		7.2	3.79	-179.45	-2.55	-.05	-11.42	-.06	.23	-2.01	-.22	.01	1.77	.106
		10.9	3.79	-555.53	-.03	-.05	-5.79	-.06	.23	-6.21	-.00	.01	.90	.272
		14.5	3.79	-882.62	2.27	-.05	-.15	-.06	.23	-7.66	.21	.01	.03	.343
203- 303 UNL- 1		0.0	-61.66	-563.68	-571.49	-5.13	6.27	-53.94	-.68	-1.26		.22	.22	.085
		3.8	-62.82	-281.63	-340.56	-5.13	6.27	-53.94	-.69	-.69		.22	.22	.062
		7.5	-63.98	.42	-110.23	-5.13	6.27	-53.94	-.70	-.17		.22	.22	.041
		11.3	-65.14	282.47	120.40	-5.13	6.27	-53.94	-.72	-.48		.22	.22	.055
		15.0	-66.31	564.53	351.03	-5.13	6.27	-53.94	-.73	-1.04		.22	.22	.079
203- 306 120- 1		0.0	-4.89	36.27	-29.41	-.11	-.81	-1.39	-.25	-.82		.10	.10	.050
		8.2	-5.13	-19.58	-18.95	-.11	-.33	-1.39	-.27	-.48		.05	.05	.037
		16.3	-5.36	-29.28	-8.48	-.11	.14	-1.39	-.28	-.54		.03	.03	.040
		24.5	-5.62	7.17	1.98	-.11	.61	-1.39	-.29	-.13		.08	.08	.024
		32.8	-5.86	89.76	12.45	-.11	1.08	-1.39	-.30	-1.60		.12	.12	.086
204- 205 #08- 1		0.0	.15	11.41	-.19	.00	-.24	.02	.02	.55	-.03	.00	.13	.027
		3.6	.15	2.82	-.25	.00	-.15	.02	.02	.14	-.05	.00	.08	.010
		7.3	.15	-1.99	-.32	.00	-.07	.02	.02	-.10	-.06	.00	.04	.008
		10.9	.15	-3.01	-.39	.00	.02	.02	.02	-.14	-.07	.01	.02	.010
		14.5	.15	-.25	-.45	.00	.11	.02	.02	-.01	-.08	.01	.06	.005
204- 206 #18- 1		0.0	2.48	-324.33	-1.49	-.02	.21	.05	.15	-3.64	-.19	.00	.03	.169
		3.6	2.48	-261.18	-1.01	-.02	2.69	.05	.15	-2.93	-.09	.00	.42	.135
		7.3	2.48	-89.98	-.03	-.02	5.18	.05	.15	-1.01	-.00	.00	.80	.050
		10.9	2.48	189.27	.95	-.02	7.66	.05	.15	2.12	.09	.00	1.19	.101
		14.5	2.48	584.55	1.93	-.02	16.64	.05	.15	6.56	.18	.00	2.58	.292

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACRN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205-206	N18-1	0.0	3.67	-682.60	1.10	.00	.06	.07	.23	-7.66	.10	.00	.01	.338
		3.6	3.67	-557.25	.89	.00	5.70	.07	.23	-6.25	.08	.00	.89	.278
		7.3	3.67	-188.62	.68	.00	11.34	.07	.23	-2.09	.06	.00	1.76	.102
		10.9	3.67	429.29	.46	.00	16.98	.07	.23	4.82	.04	.00	2.64	.215
		14.5	3.67	1290.48	.25	.00	22.61	.07	.23	14.48	.02	.00	3.51	.621
206-301	120-1	0.0	6.16	49.54	5.87	.09	-.90	1.21	.32	.88		.11	.11	.052
		8.2	5.92	-15.86	-2.47	.09	-.43	1.21	.31	.28		.06	.06	.026
		16.3	5.67	-35.16	-10.81	.09	.04	1.21	.29	.65		.02	.02	.041
		24.5	5.43	-8.32	-19.15	.09	.51	1.21	.28	.37		.06	.06	.029
		32.6	5.19	64.67	-27.49	.09	.98	1.21	.27	1.24		.11	.11	.065
206-306	DRL-1	0.0	-67.33	652.89	205.40	2.54	-.20	6.77	-.74	-1.07		.06	.06	.081
		3.8	-68.50	644.07	91.23	2.54	-.20	6.77	-.75	-1.02		.06	.06	.079
		7.5	-69.66	635.25	-22.94	2.54	-.20	6.77	-.76	-.99		.06	.06	.079
		11.3	-70.82	626.43	-137.11	2.54	-.20	6.77	-.78	-1.00		.06	.06	.090
		15.0	-71.98	617.61	-251.28	2.54	-.20	6.77	-.79	-1.04		.06	.06	.042
301-303	123-1	0.0	3.97	55.30	23.19	.02	-.94	1.25	.21	1.02		.11	.11	.053
		7.3	3.97	-7.92	21.75	.02	-.47	1.25	.21	.41		.06	.06	.027
		14.5	3.97	-28.14	20.32	.02	.00	1.25	.21	.61		.01	.01	.035
		21.7	3.97	-7.37	18.88	.02	.47	1.25	.21	.36		.06	.06	.025
		29.0	3.97	54.41	17.45	.02	.95	1.25	.21	1.01		.11	.11	.052
301-306	123-1	0.0	-6.45	32.66	37.83	.15	-.78	1.38	-.34	-.88		.10	.10	.057
		7.2	-6.45	-14.72	24.63	.15	-.31	1.38	-.34	-.51		.05	.05	.041
		14.5	-6.45	-21.32	11.42	.15	.16	1.38	-.34	-.03		.04	.04	.038
		21.7	-6.45	13.07	-1.78	.15	.63	1.38	-.34	-.23		.08	.08	.029
		29.0	-6.45	88.45	-14.98	.15	1.10	1.38	-.34	-1.58		.13	.13	.086
301-401	DRL-1	0.0	-57.97	303.62	-72.07	-.49	1.89	-12.64	-.64	-.49		.05	.05	.053
		7.1	-60.16	464.80	-30.52	-.49	1.89	-12.64	-.66	-.73		.05	.05	.064
		14.2	-62.34	625.98	11.02	-.49	1.89	-12.64	-.68	-.98		.05	.05	.076
		21.4	-64.50	624.91	52.57	-.49	-2.70	-12.64	-.71	-.98		.07	.07	.077
		28.5	-66.81	175.77	94.12	-.49	-7.70	-12.64	-.73	-.31		.18	.18	.050
303-306	123-1	0.0	7.18	31.84	-44.80	-.21	-.80	-3.41	.37	.97		.12	.12	.058
		7.2	7.18	-16.86	-26.85	-.21	-.32	-3.41	.37	.56		.07	.07	.041
		14.5	7.18	-24.58	-8.90	-.21	.15	-3.41	.37	.46		.06	.06	.037
		21.7	7.18	8.68	9.06	-.21	.62	-3.41	.37	.22		.10	.10	.027
		29.0	7.18	82.94	27.91	-.21	1.09	-3.41	.37	1.54		.15	.15	.082
303-403	DRL-1	0.0	-69.61	541.42	217.76	1.71	.17	-136.75	-.76	-.91		.14	.14	.077
		7.1	-71.82	555.56	71.65	1.71	.17	-136.75	-.79	-.88		.14	.14	.077
		14.2	-74.03	569.69	-74.45	1.71	.17	-136.75	-.81	-.90		.14	.14	.079
		21.4	-76.24	421.58	-220.55	1.71	-4.42	-136.75	-.84	-.74		.21	.21	.074
		28.5	-78.45	-174.60	-368.85	1.71	-9.42	-136.75	-.86	-.44		.32	.32	.070

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAT 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
306- 406	UNL- 1	0.0	-77.83	843.92	-207.02	-2.06	-3.88	-16.95	-.65	-1.36		.11	.11	.101
		7.1	-80.04	511.93	-30.67	-2.06	-3.88	-16.95	-.88	-.80		.11	.11	.078
		14.2	-82.24	179.95	145.66	-2.06	-3.88	-16.95	-.90	-.36		.11	.11	.061
		21.4	-84.45	-179.86	322.04	-2.06	-5.67	-16.95	-.93	-.58		.15	.15	.071
		28.5	-86.66	-852.73	498.39	-2.06	-10.21	-16.95	-.95	-1.56		.24	.24	.114
401- 501	JL4- 1	0.0	-322.73	-265.89	3617.35	-2.96	12.24	-55.55	-1.27	-1.28		.11	.11	.113
		1.1	-323.70	-92.95	3664.96	-3.99	13.03	-55.55	-1.27	-1.29		.12	.12	.114
		2.3	-324.67	90.09	3726.51	-5.00	13.80	-53.55	-1.28	-1.31		.12	.12	.115
		3.4	-325.64	284.77	3801.72	-5.99	14.56	-53.55	-1.28	-1.34		.13	.13	.116
		4.6	-326.61	449.23	3890.34	-6.95	15.31	-53.55	-1.28	-1.38		.14	.14	.118
401- 510	P1- 1	0.0	257.55	258.43	-3811.78	-3.44	3.13	9.58	1.16	1.79		.04	.04	.129
		1.1	256.70	302.27	-3764.55	-3.44	3.27	9.58	1.16	1.77		.05	.05	.128
		2.3	255.85	348.06	-3717.32	-3.44	3.41	9.58	1.16	1.75		.05	.05	.127
		3.4	255.00	395.78	-3670.09	-3.44	3.55	9.58	1.15	1.73		.05	.05	.126
		4.6	254.16	445.45	-3622.86	-3.44	3.69	9.58	1.15	1.71		.05	.05	.125
403- 503	JL4- 1	0.0	-331.57	-13.87	-4805.62	10.43	20.02	258.12	-1.30	-1.69		.22	.22	.132
		1.1	-332.54	295.50	-4955.42	11.46	20.80	258.12	-1.31	-1.75		.23	.23	.135
		2.3	-333.51	555.54	-5119.17	12.47	21.58	258.12	-1.31	-1.82		.24	.24	.138
		3.4	-334.48	856.09	-5296.59	13.45	22.34	258.12	-1.32	-1.89		.25	.25	.141
		4.6	-335.45	1196.98	-5487.40	14.42	23.09	258.12	-1.32	-1.98		.26	.26	.145
403- 511	P1- 1	0.0	255.45	716.81	4490.05	4.15	4.66	-26.99	1.15	2.13		.06	.06	.143
		1.1	254.61	781.76	4433.07	4.15	4.81	-26.99	1.15	2.11		.06	.06	.142
		2.3	253.76	848.65	4376.09	4.15	4.95	-26.99	1.15	2.09		.06	.06	.141
		3.4	252.91	917.48	4319.11	4.15	5.09	-26.99	1.14	2.07		.07	.07	.140
		4.6	252.06	988.25	4262.13	4.15	5.23	-26.99	1.14	2.05		.07	.07	.139
406- 506	JL4- 1	0.0	825.45	-412.88	374.36	-2.26	-6.71	28.78	3.25	.20		.06	.06	.159
		1.1	824.48	-511.66	405.28	-2.26	-7.72	28.78	3.24	.23		.07	.07	.160
		2.3	823.50	-624.19	436.20	-2.26	-8.72	28.78	3.24	.27		.08	.08	.161
		3.4	822.53	-750.17	467.11	-2.26	-9.69	28.78	3.23	.31		.08	.08	.163
		4.6	821.56	-889.28	498.03	-2.26	-10.63	28.78	3.23	.36		.09	.09	.165
406- 512	P1- 1	0.0	-912.62	-449.84	120.04	.20	10.55	36.39	-4.12	-.22		.10	.10	.200
		1.1	-913.46	-304.14	117.35	.20	10.69	36.39	-4.13	-.15		.11	.11	.198
		2.3	-914.31	-156.51	114.66	.20	10.83	36.39	-4.13	-.09		.11	.11	.196
		3.4	-915.16	-6.94	111.96	.20	10.98	36.39	-4.14	-.05		.11	.11	.195
		4.6	-916.01	144.56	109.27	.20	11.12	36.39	-4.14	-.08		.11	.11	.196
501- 502	105- 1	0.0	55.90	85.18	173.63	-.29	-1.58	-21.48	1.12	1.73		.20	.20	.125
		3.8	55.90	22.46	159.29	.92	-1.19	-21.48	1.12	1.44		.20	.20	.113
		7.6	55.90	-22.54	89.86	2.13	-.79	-21.48	1.12	.83		.25	.25	.047
		11.4	55.90	-44.80	-34.66	3.35	-.40	-21.48	1.12	.54		.32	.32	.075
		15.1	55.90	-54.34	-214.25	4.56	-.01	-21.48	1.12	1.99		.40	.40	.136

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504	105- 1	0.0	-75.69	-65.94	221.45	1.46	-.91	-10.18	-2.51	-2.07		.16	.16	.226
		3.8	-75.69	-97.61	147.98	1.77	-.49	-10.18	-2.51	-1.59		.17	.17	.206
		7.6	-75.69	-110.44	60.65	2.07	-.08	-10.18	-2.51	-1.13		.18	.18	.186
		11.4	-75.69	-105.03	-40.55	2.38	.32	-10.18	-2.51	-1.01		.20	.20	.181
		15.1	-75.69	-62.21	-155.42	2.69	.68	-10.18	-2.51	-1.58		.23	.23	.205
501- 601	JL5- 1	0.0	-315.84	607.68	5501.98	34.18	-6.88	-174.46	-2.21	-2.12		.54	.54	.192
		1.5	-316.56	550.31	2689.75	32.93	-6.01	-174.46	-2.21	-1.72		.52	.52	.176
		3.0	-317.29	448.56	2100.11	31.71	-5.15	-174.46	-2.22	-1.35		.50	.50	.160
		4.6	-318.01	362.32	1532.52	30.51	-4.31	-174.46	-2.22	-.99		.49	.49	.146
		6.1	-318.73	291.26	986.43	29.35	-3.49	-174.46	-2.23	-.65		.47	.47	.131
501- 622	200- 1	0.0	-3.98	65.19	-707.68	-8.43	-1.52	-50.04	-.10	-3.98		.59	.59	.173
		5.1	-4.37	-7.70	-252.66	-6.44	-.88	-50.04	-.11	-1.41		.48	.48	.065
		10.2	-4.76	-40.53	83.66	-4.56	-.21	-50.04	-.13	-.52		.38	.38	.026
		15.3	-4.83	-44.75	307.50	-2.77	-.02	-50.04	-.13	-1.74		.29	.29	.080
		20.4	-4.92	-43.76	425.12	-1.08	.05	-50.04	-.13	-2.39		.20	.20	.107
502- 503	105- 1	0.0	34.87	-58.49	-210.63	-4.62	.20	15.10	1.16	1.96		.37	.37	.136
		3.8	34.87	-40.62	-27.97	-3.41	.59	15.10	1.16	.44		.30	.30	.072
		7.6	34.87	-5.02	99.60	-2.20	.98	15.10	1.16	.89		.23	.23	.091
		11.4	34.87	46.32	172.09	-.99	1.37	15.10	1.16	1.60		.18	.18	.121
		15.1	34.87	119.38	189.50	.22	1.76	15.10	1.16	2.01		.19	.19	.138
502- 504	105- 1	0.0	-4.50	-15.73	2.60	.33	-.11	8.06	-.38	-.53		.19	.19	.043
		3.8	-4.50	-17.13	-7.22	.11	.04	8.06	-.38	-.62		.15	.15	.047
		7.6	-4.50	-11.77	-7.01	-.12	.19	8.06	-.38	-.46		.17	.17	.040
		11.4	-4.51	-.16	3.25	-.34	.32	8.06	-.38	-.11		.21	.21	.025
		15.2	-4.51	17.18	23.55	-.56	.44	8.06	-.38	-.97		.25	.25	.062
502- 505	105- 1	0.0	-6.47	-17.25	-6.22	-.30	-.11	-7.97	-.54	-.61		.19	.19	.055
		3.8	-6.48	-18.05	2.56	-.08	.05	-7.97	-.54	-.63		.15	.15	.056
		7.6	-6.48	-13.29	1.34	.14	.19	-7.97	-.54	-.45		.17	.17	.048
		11.4	-6.48	-1.07	-9.94	.36	.32	-7.97	-.54	-.34		.21	.21	.044
		15.2	-6.49	15.07	-31.26	.58	.44	-7.97	-.54	-1.17		.26	.26	.079
503- 505	105- 1	0.0	16.50	-57.20	-232.50	-1.13	-.87	25.22	.55	2.14		.21	.21	.116
		3.8	16.50	-87.24	-174.14	-1.44	-.45	25.22	.55	1.74		.21	.21	.099
		7.6	16.50	-96.45	-101.90	-1.74	-.04	25.22	.55	1.27		.23	.23	.079
		11.4	16.50	-91.39	-15.79	-2.05	.35	25.22	.55	.83		.25	.25	.060
		15.1	16.50	-66.93	84.19	-2.35	.72	25.22	.55	.96		.28	.28	.066
503- 605	JL5- 1	0.0	-253.74	1216.35	-4917.53	-45.81	-11.15	-11.41	-1.78	-3.18		.64	.64	.217
		1.5	-254.47	1021.24	-4129.84	-42.56	-10.26	-11.41	-1.78	-2.67		.62	.62	.196
		3.0	-255.19	841.96	-3361.34	-41.34	-9.40	-11.41	-1.79	-2.18		.60	.60	.175
		4.5	-255.92	676.16	-2661.09	-40.14	-8.56	-11.41	-1.79	-1.70		.58	.58	.155
		6.1	-256.64	524.59	-1949.33	-38.98	-7.75	-11.41	-1.80	-1.24		.56	.56	.136

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - ANL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	-127.59	-346.39	107.85	2.44	5.00	24.93	-3.35	-2.24		.27	.27	.250
		5.1	-127.98	-211.11	-19.93	1.77	2.77	24.93	-3.36	-1.19		.24	.24	.211
		10.1	-128.39	-50.55	-107.84	1.13	2.52	24.93	-3.37	-.67		.22	.22	.193
		15.2	-129.46	84.65	-157.58	.51	1.85	24.93	-3.38	-1.00		.17	.17	.205
		20.3	-128.44	171.57	-170.49	-.07	1.03	24.93	-3.38	-1.35		.12	.12	.218
504- 505	105- 1	0.0	9.83	9.31	-45.02	-1.48	-.05	-1.00	.83	1.47		.27	.27	.100
		5.8	9.83	7.71	6.13	-.68	-.02	-1.00	.83	.33		.13	.13	.052
		7.6	9.83	7.64	19.10	.11	.02	-1.00	.83	.69		.04	.04	.067
		11.4	9.83	9.89	-4.14	.91	.06	-1.00	.83	.35		.17	.17	.053
		15.2	9.83	13.26	-63.58	1.70	.10	-1.00	.83	2.17		.30	.30	.130
504- 506	105- 1	0.0	-84.62	-84.40	-89.05	-1.41	1.18	17.25	-2.80	-1.10		.20	.20	.196
		3.8	-84.62	-22.99	-32.00	-1.10	1.52	17.25	-2.80	-.35		.20	.20	.168
		7.6	-84.61	53.57	10.79	-.78	1.84	17.25	-2.80	-.49		.21	.21	.174
		11.4	-84.59	144.42	38.95	-.46	2.15	17.25	-2.80	-1.34		.22	.22	.206
		15.2	-84.58	248.71	52.12	-.12	2.44	17.25	-2.80	-2.28		.24	.24	.241
505- 506	105- 1	0.0	6.37	-73.50	-10.84	-.02	1.26	-3.28	.21	.66		.10	.10	.038
		3.8	6.38	-8.47	-2.80	-.53	1.60	-3.28	.21	.08		.12	.12	.013
		7.6	6.38	71.70	19.30	-.05	1.92	-3.28	.21	.66		.15	.15	.038
		11.4	6.40	166.17	56.02	-.97	2.23	-3.28	.21	1.57		.18	.18	.076
		15.2	6.42	274.07	107.75	-1.51	2.51	-3.28	.21	2.64		.20	.20	.121
505- 606	JL5- 1	0.0	744.61	-37.85	489.14	5.23	11.62	93.37	5.21	.31		.21	.21	.254
		1.5	743.88	162.28	393.72	5.25	10.31	93.37	5.20	.27		.19	.19	.252
		3.0	743.15	338.82	298.30	5.25	9.04	93.37	5.20	.28		.18	.18	.253
		4.6	742.42	492.40	202.88	5.23	7.80	93.37	5.19	.33		.16	.16	.255
		6.1	741.69	623.87	107.45	5.23	6.60	93.37	5.19	.40		.15	.15	.257
506- 624	200- 1	0.0	118.96	346.38	312.17	3.09	-3.76	24.13	3.13	2.61		.32	.32	.255
		5.1	118.58	147.59	142.53	2.50	-2.79	24.13	3.12	1.15		.26	.26	.193
		10.1	118.19	8.17	8.85	1.91	-1.80	24.13	3.11	.07		.21	.21	.147
		15.2	118.14	-81.41	-89.51	1.33	-1.24	24.13	3.11	.66		.16	.16	.172
		20.2	118.17	-143.19	-153.20	.77	-.79	24.13	3.11	1.17		.13	.13	.193
510- 710	P1- 1	0.0	254.16	487.99	-3619.98	-5.73	-6.56	42.76	1.15	1.71		.08	.08	.125
		6.3	249.46	-2.62	-3336.26	-5.73	-5.80	42.76	1.13	1.56		.07	.07	.118
		12.7	245.42	-394.03	-2803.27	-4.54	-4.46	142.78	1.11	1.12		.09	.09	.099
		19.0	241.33	-767.13	-2054.29	-4.54	-3.47	142.78	1.09	.98		.09	.09	.092
		25.3	237.25	-843.42	-1713.52	-4.54	-3.29	142.78	1.07	.86		.08	.08	.086
511- 711	P1- 1	0.0	252.08	1014.74	4255.73	4.45	-11.55	-174.68	1.14	2.05		.15	.15	.139
		6.3	247.38	166.12	3917.37	4.45	-10.77	-174.68	1.12	1.83		.15	.15	.129
		12.7	243.33	-247.42	2924.70	5.26	-9.52	-274.90	1.10	1.36		.16	.16	.109
		19.0	239.24	-953.83	2530.06	5.26	-8.94	-274.90	1.08	1.26		.16	.16	.103
		25.3	235.16	-1607.95	2130.93	5.26	-8.26	-274.90	1.06	1.25		.15	.15	.102

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
512- 712	P1- 1	0.0	-916.00	144.56	109.27	.20	9.07	49.47	-4.14	-.08		.09	.09	.205
		6.3	-920.70	864.17	94.34	.20	9.86	49.47	-4.16	-.41		.10	.10	.218
		12.7	-924.97	881.75	79.41	.20	9.63	49.47	-4.18	-.41		.10	.10	.219
		19.0	-929.36	1639.59	64.48	.20	10.31	49.47	-4.20	-.77		.10	.10	.232
		25.3	-933.14	2449.28	49.55	.20	10.99	49.47	-4.22	-1.15		.11	.11	.247
601- 621	JL6- 1	0.0	-327.09	198.94	772.71	19.18	-5.63	52.29	-2.29	-.50		.30	.30	.128
		1.5	-327.75	105.57	433.09	16.04	-4.83	52.29	-2.29	-.28		.28	.28	.119
		3.0	-328.38	22.42	113.97	16.93	-4.06	52.29	-2.30	-.07		.26	.26	.110
		4.6	-329.02	-44.65	-185.20	15.06	-3.31	52.29	-2.30	-.12		.24	.24	.113
		6.1	-329.65	-98.54	-464.96	14.01	-2.58	52.29	-2.31	-.30		.23	.23	.120
603- 623	JL6- 1	0.0	-265.23	425.58	-1673.95	-28.72	-9.91	-243.45	-1.86	-1.09		.50	.50	.132
		1.5	-265.90	251.94	-1160.30	-27.58	-9.12	-243.45	-1.86	-.75		.48	.48	.118
		3.0	-266.53	92.51	-667.14	-26.47	-8.35	-243.45	-1.86	-.42		.46	.46	.105
		4.6	-267.16	-53.04	-193.94	-25.39	-7.60	-243.45	-1.87	-.13		.45	.45	.093
		6.1	-267.80	-185.01	259.65	-24.35	-6.87	-243.45	-1.87	-.20		.43	.43	.096
606- 626	JL6- 1	0.0	741.66	625.67	107.76	5.23	9.00	93.02	5.19	.40		.17	.17	.257
		1.5	740.99	777.07	12.39	5.23	7.82	93.02	5.18	.49		.16	.16	.261
		3.0	740.36	909.06	-82.98	5.23	6.66	93.02	5.18	.57		.15	.15	.266
		4.6	739.73	1020.20	-178.35	5.23	5.53	93.02	5.17	.65		.14	.14	.267
		6.1	739.10	1111.02	-273.72	5.23	4.43	93.02	5.17	.72		.13	.13	.270
621- 651	JL6- 1	0.0	-329.66	-100.80	-464.40	14.52	-3.11	53.03	-2.31	-.30		.22	.22	.120
		1.5	-330.29	-147.68	-715.65	13.02	-2.05	53.03	-2.31	-.46		.20	.20	.127
		3.0	-330.92	-175.64	-939.88	11.56	-1.02	53.03	-2.32	-.60		.18	.18	.133
		4.6	-331.55	-185.09	-1137.81	10.14	-.00	53.03	-2.32	-.72		.16	.16	.139
		6.1	-332.17	-176.07	-1310.15	8.76	.99	53.03	-2.32	-.83		.14	.14	.143
622- 703	200- 1	0.0	-4.82	-44.05	424.49	-1.08	-.00	-54.93	-.13	-2.39		.21	.21	.107
		5.4	-4.80	-35.18	408.30	1.55	.28	-54.93	-.13	-2.29		.24	.24	.103
		10.9	-4.78	-7.32	225.37	4.03	.57	-54.93	-.13	-1.26		.37	.37	.059
		16.3	-4.70	36.49	-115.54	6.39	.83	-54.93	-.12	-.68		.49	.49	.035
		21.8	-4.65	100.64	-505.92	8.82	1.07	-54.93	-.12	-3.44		.61	.61	.151
623- 653	JL6- 1	0.0	-267.81	-186.09	254.59	-24.09	-7.36	-243.97	-1.87	-.20		.43	.43	.096
		1.5	-269.44	-310.71	684.37	-22.59	-6.30	-243.97	-1.88	-.47		.40	.40	.108
		3.0	-269.07	-416.20	1083.14	-21.13	-5.27	-243.97	-1.88	-.73		.38	.38	.119
		4.6	-269.69	-503.00	1455.80	-19.71	-4.25	-243.97	-1.89	-.97		.36	.36	.129
		6.1	-270.32	-571.51	1802.47	-18.33	-3.26	-243.97	-1.89	-1.19		.34	.34	.138
624- 701	200- 1	0.0	114.17	-143.18	-153.23	.74	-.83	24.05	3.11	1.17		.13	.13	.193
		5.5	115.20	-185.69	-170.08	-.23	.15	24.05	3.11	1.33		.08	.08	.200
		11.0	116.23	-163.93	-124.96	-1.17	1.12	24.05	3.11	.98		.15	.15	.185
		16.5	117.26	-118.92	-15.93	-2.05	2.10	24.05	3.11	.14		.22	.22	.150
		21.9	118.30	152.26	149.07	-2.96	3.08	24.05	3.11	1.19		.29	.29	.194

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL SIM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706	200- 1	0.0	-128.44	171.43	-170.42	-.00	.98	25.09	-3.38	-1.35		.12	.12	.219
		5.5	-128.43	195.88	-137.06	-1.00	-.24	25.09	-3.38	-1.34		.12	.12	.219
		11.0	-128.42	140.25	-40.07	-1.94	-1.45	25.09	-3.38	-.82		.20	.20	.200
		16.4	-128.40	5.05	116.65	-2.82	-2.65	25.09	-3.38	-.65		.27	.27	.194
		21.9	-128.37	-207.37	329.74	-3.65	-3.80	25.09	-3.37	-2.18		.35	.35	.249
626- 656	JL6- 1	0.0	739.10	1111.02	-273.87	5.23	3.25	92.58	5.17	.72		.12	.12	.270
		1.5	738.46	1154.66	-369.27	5.23	1.56	92.58	5.17	.76		.11	.11	.271
		3.0	737.83	1160.15	-464.66	5.23	-.08	92.58	5.16	.79		.10	.10	.272
		4.6	737.19	1152.18	-560.06	5.23	-1.67	92.58	5.16	.80		.11	.11	.273
		6.1	736.56	1107.54	-655.46	5.23	-3.21	92.58	5.15	.81		.11	.11	.273
651- 701	JL6- 1	0.0	-359.66	-296.15	-1371.14	-13.48	1.50	371.85	-2.52	-.86		.31	.31	.155
		1.8	-360.39	-222.22	-1067.14	-15.06	2.62	371.85	-2.52	-.68		.33	.33	.147
		3.5	-361.13	-154.02	-730.05	-16.59	3.71	371.85	-2.53	-.47		.35	.35	.138
		5.3	-361.87	-84.54	-360.86	-18.08	4.77	371.85	-2.53	-.23		.38	.38	.128
		7.1	-362.61	47.42	59.55	-19.53	5.79	371.85	-2.54	-.04		.40	.40	.120
653- 703	JL6- 1	0.0	-293.80	-635.66	1852.78	3.85	-3.15	-571.75	-2.06	-1.23		.25	.25	.148
		1.8	-294.54	-690.85	1754.26	5.41	-2.04	-571.75	-2.06	-1.18		.26	.26	.146
		3.5	-295.28	-722.52	1622.67	6.94	-.95	-571.75	-2.07	-1.12		.28	.28	.144
		5.3	-296.02	-731.34	1454.96	8.45	.11	-571.75	-2.07	-1.03		.30	.30	.140
		7.1	-296.76	-717.97	1264.04	9.87	1.14	-571.75	-2.08	-.91		.32	.32	.136
656- 706	JL6- 1	0.0	736.56	1107.54	-655.50	5.23	-3.56	92.28	5.15	.81		.12	.12	.273
		1.8	735.83	1013.95	-766.80	5.23	-5.31	92.28	5.15	.80		.13	.13	.272
		3.5	735.09	881.92	-878.11	5.23	-7.00	92.28	5.14	.78		.15	.15	.271
		5.3	734.36	715.41	-989.41	5.23	-8.63	92.28	5.14	.77		.17	.17	.270
		7.1	733.62	514.56	-1100.71	5.23	-10.23	92.28	5.13	.76		.19	.19	.270
701- 702	137- 1	0.0	31.04	44.68	-19.10	-1.91	-.60	-8.68	1.61	.86		.28	.28	.111
		4.7	31.04	15.11	54.27	-.89	-.46	-8.68	1.61	.99		.16	.16	.116
		9.4	31.04	-6.99	59.02	.53	-.32	-8.68	1.61	1.05		.14	.14	.119
		14.1	31.04	-21.45	-4.87	1.74	-.19	-8.68	1.61	.39		.26	.26	.091
		18.8	31.04	-28.25	-137.38	2.96	-.05	-8.68	1.61	2.47		.38	.38	.179
701- 704	137- 1	0.0	11.56	-4.25	60.44	-.03	-.28	-1.52	.60	1.07		.04	.04	.073
		4.7	11.57	-16.04	52.98	.29	-.15	-1.52	.60	.98		.05	.05	.069
		9.4	11.57	-20.85	27.52	.61	-.03	-1.52	.60	.61		.08	.08	.053
		14.1	11.57	-19.35	-16.25	.94	.08	-1.52	.60	.45		.11	.11	.047
		18.8	11.55	-12.17	-78.89	1.26	.17	-1.52	.60	1.40		.15	.15	.067
701- 801	JL7- 1	0.0	-205.97	-72.71	-48.52	10.49	-6.09	122.68	-2.91	-.11		.42	.42	.147
		7.1	-207.44	-442.05	-722.89	5.45	-2.64	122.68	-2.93	-1.08		.25	.25	.148
		14.2	-208.93	-555.05	-995.00	1.02	.43	122.68	-2.95	-1.44		.11	.11	.205
		21.3	-210.42	-377.75	-911.90	-2.92	3.17	122.68	-2.98	-1.25		.20	.20	.198
		28.4	-211.90	-.55	-509.77	-8.43	5.84	122.68	-3.00	-.65		.32	.32	.173

STRAIN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACNN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL SIM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
701- 806	200- 1	0.0	-157.24	-529.75	-145.64	-2.65	3.17	-3.15	-4.13	-2.02		.23	.23	.336
		12.5	-157.20	43.64	131.73	-1.06	1.78	-3.15	-4.13	-.78		.12	.12	.284
		25.1	-157.15	200.95	177.70	.42	.31	-3.15	-4.13	-1.50		.04	.04	.318
		37.6	-157.09	136.27	16.48	1.09	-1.17	-3.15	-4.13	-.77		.12	.12	.284
		50.2	-157.01	-149.17	-325.15	2.83	-2.62	-3.15	-4.13	-2.00		.21	.21	.335
702- 703	137- 1	0.0	30.57	-26.89	-150.19	-3.22	.03	5.43	1.59	2.69		.38	.38	.187
		4.7	30.57	-21.25	-3.01	-2.01	.17	5.43	1.59	.38		.26	.26	.089
		9.4	30.57	-7.91	75.55	-.79	.30	5.43	1.59	1.34		.14	.14	.130
		14.1	30.57	15.07	85.47	.43	.44	5.43	1.59	1.52		.11	.11	.138
		18.8	30.57	41.70	20.77	1.65	.56	5.43	1.59	.87		.23	.23	.110
702- 704	107- 1	0.0	-4.30	-0.21	27.17	.60	-.04	2.28	-.36	-.93		.14	.14	.060
		4.7	-4.30	-0.30	1.22	.32	.04	2.28	-.36	-.21		.09	.09	.030
		9.4	-4.31	-2.43	-9.35	.05	.10	2.28	-.36	-.32		.06	.06	.034
		14.1	-4.31	4.08	-4.54	-.22	.13	2.28	-.36	-.20		.08	.08	.030
		18.8	-4.32	11.91	15.65	-.50	.14	2.28	-.36	-.66		.12	.12	.049
702- 705	107- 1	0.0	-3.50	-7.82	-14.36	-.52	-.04	-1.64	-.29	-.55		.12	.12	.040
		4.7	-3.50	-7.71	7.36	-.25	.04	-1.64	-.29	-.36		.07	.07	.032
		9.4	-3.51	-3.65	13.70	.02	.10	-1.64	-.29	-.47		.04	.04	.037
		14.1	-3.51	3.06	4.66	.30	.13	-1.64	-.29	-.19		.06	.08	.025
		18.8	-3.52	11.08	-19.75	.57	.15	-1.64	-.30	-.76		.13	.13	.049
703- 705	137- 1	0.0	-36.73	-.94	-111.04	-.36	-.26	1.87	-1.91	-1.96		.06	.06	.210
		4.7	-36.72	-12.77	-81.67	-.08	-.15	1.87	-1.91	-1.46		.09	.09	.189
		9.4	-36.72	-17.62	-54.26	-1.00	-.03	1.87	-1.91	-.68		.12	.12	.156
		14.1	-36.72	-10.15	51.48	-1.53	.08	1.87	-1.91	-.62		.16	.16	.153
		18.8	-36.74	-0.98	115.86	-1.07	.17	1.87	-1.91	-2.05		.19	.19	.213
703- 801	200- 1	0.0	-.74	42.21	659.98	8.40	-.86	7.45	-.02	-3.70		.46	.46	.157
		12.5	-.65	-47.52	-243.61	3.72	-.33	7.45	-.02	-1.39		.22	.22	.059
		25.1	-.55	-59.23	-492.21	-.53	.10	7.45	-.01	-2.77		.04	.04	.118
		37.6	-.46	4.47	-166.99	-5.92	.67	7.45	-.01	-.93		.23	.23	.040
		50.2	-.40	137.10	666.52	-7.10	1.08	7.45	-.01	-3.81		.40	.40	.161
703- 803	JL7- 1	0.0	-302.14	-602.14	1162.05	-5.59	-4.22	15.81	-4.27	-1.66		.21	.21	.269
		7.1	-303.62	-612.35	1419.10	-.55	-.78	15.81	-4.30	-2.08		.04	.04	.286
		14.2	-305.10	-704.65	1274.03	3.88	2.30	15.81	-4.32	-1.88		.14	.14	.279
		21.3	-306.59	-829.68	772.79	7.62	5.04	15.81	-4.34	-1.12		.27	.27	.252
		28.4	-308.07	100.45	-45.68	11.33	7.51	15.81	-4.36	-.15		.39	.39	.218
704- 705	107- 1	0.0	7.09	-4.24	-77.44	-2.09	.19	-.53	.60	2.59		.36	.36	.137
		4.7	7.09	3.76	10.94	-1.05	.10	-.53	.60	.39		.19	.19	.044
		9.4	7.09	0.48	41.26	-.02	.00	-.53	.60	1.40		.01	.01	.086
		14.1	7.09	3.92	13.50	1.01	-.09	-.53	.60	.47		.18	.18	.047
		18.8	7.09	-3.92	-72.33	2.04	-.19	-.53	.60	2.42		.35	.35	.130

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	3.61	-5.61	14.41	-.33	.15	6.54	.19	.27		.09	.09	.020
		4.7	3.59	3.79	23.45	.01	.20	6.54	.19	.42		.08	.08	.026
		9.4	3.57	16.36	13.50	.35	.24	6.54	.19	.37		.10	.10	.024
		14.1	3.55	30.70	-15.46	.68	.26	6.54	.18	.61		.13	.13	.034
		18.8	3.52	45.80	-63.41	1.02	.27	6.54	.18	1.36		.17	.17	.067
705- 706	137- 1	0.0	-44.30	-3.56	23.78	.70	.15	-4.68	-2.30	-.42		.12	.12	.169
		4.7	-44.33	6.37	-6.39	.37	.21	-4.68	-2.30	-.16		.09	.09	.160
		9.4	-44.35	19.26	-17.56	.03	.25	-4.68	-2.30	-.46		.07	.07	.171
		14.1	-44.37	33.93	-9.72	-.31	.27	-4.68	-2.31	-.62		.09	.09	.178
		18.8	-44.39	49.55	17.11	-.65	.27	-4.68	-2.31	-.92		.12	.12	.190
706- 803	200- 1	0.0	165.10	584.97	-343.53	-3.35	-3.19	-6.58	4.34	2.89		.26	.26	.322
		12.5	165.18	1.01	45.29	-1.62	-1.89	-6.58	4.34	.25		.16	.16	.212
		25.1	165.26	-180.41	207.48	-.34	-.52	-6.58	4.34	1.54		.05	.05	.266
		37.6	165.33	-153.99	154.00	1.02	.86	-6.58	4.35	1.22		.09	.09	.252
		50.2	165.41	75.61	-92.10	2.22	2.16	-6.58	4.35	.66		.18	.18	.229
706- 806	201- 1	0.0	563.29	736.52	-872.88	-3.53	8.08	-113.08	7.97	1.45		.32	.32	.430
		7.1	561.85	1174.15	-572.02	-3.53	2.27	-113.08	7.95	1.66		.19	.19	.438
		14.2	560.40	1144.08	-271.15	-3.53	-2.88	-113.08	7.93	1.49		.20	.20	.430
		21.3	558.94	694.53	29.72	-3.53	-7.48	-113.08	7.91	.89		.31	.31	.404
		28.4	557.48	-114.92	330.59	-3.53	-11.57	-113.08	7.89	.44		.41	.41	.384
710- 810	P2- 1	0.0	237.25	-645.89	-1712.25	-4.48	-3.20	191.55	.94	.76		.08	.08	.076
		7.1	232.05	-881.64	-1330.44	-4.48	-2.34	191.55	.92	.67		.08	.08	.071
		14.2	226.85	-1044.16	-948.63	-4.48	-1.47	191.55	.90	.59		.08	.08	.067
		21.3	221.65	-1132.65	-566.82	-4.48	-.61	191.55	.88	.53		.08	.08	.063
		28.4	216.45	-1147.90	-185.02	-4.48	.25	191.55	.86	.48		.08	.08	.060
711- 811	P2- 1	0.0	235.15	-1611.08	2128.33	5.20	-1.81	-11.57	.94	1.11		.05	.05	.090
		7.1	229.95	-1728.19	1685.50	5.20	-.94	-11.57	.91	1.01		.04	.04	.085
		14.2	224.75	-1771.68	1242.66	5.20	-.08	-11.57	.89	.90		.04	.04	.079
		21.3	219.55	-1741.55	799.82	5.20	.79	-11.57	.87	.80		.04	.04	.074
		28.4	214.35	-1637.75	356.98	5.20	1.65	-11.57	.85	.70		.05	.05	.069
712- 812	P2- 1	0.0	-933.13	2449.28	49.19	.20	-.22	-198.98	-3.71	-1.02		.04	.04	.220
		7.1	-938.33	2467.23	32.47	.20	.64	-198.98	-3.73	-1.03		.05	.05	.221
		14.2	-943.53	2558.90	15.75	.20	1.51	-198.98	-3.75	-1.07		.05	.05	.223
		21.3	-948.73	2724.28	-.97	.20	2.37	-198.98	-3.77	-1.14		.06	.06	.227
		28.4	-953.94	2965.37	-17.69	.20	3.24	-198.98	-3.80	-1.23		.07	.07	.231
801- 802	140- 1	0.0	18.44	44.35	55.96	-1.55	-.55	-8.69	.87	.83		.20	.20	.075
		5.7	18.44	13.01	91.71	-.30	-.39	-8.69	.87	1.34		.11	.11	.097
		11.4	18.44	-8.48	77.51	.72	-.25	-8.69	.87	1.13		.14	.14	.098
		17.1	18.44	-21.83	-7.20	1.75	-.12	-8.69	.87	.33		.23	.23	.054
		22.8	18.44	-24.92	-161.42	2.77	.02	-8.69	.87	2.37		.32	.32	.140

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MHL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
801- 804	140- 1	0.0	-31.75	-26.82	114.80	.51	-.18	-5.82	-1.50	-1.71		.08	.06	.179
		5.7	-31.73	-34.35	84.94	.56	-.05	-5.82	-1.50	-1.33		.10	.10	.163
		11.4	-31.72	-33.51	37.68	.02	.07	-5.82	-1.50	-.73		.12	.12	.137
		17.1	-31.70	-25.26	-26.97	1.07	.17	-5.82	-1.50	-.53		.14	.14	.129
		22.8	-31.69	-10.59	-109.01	1.33	.26	-5.82	-1.49	-1.58		.17	.17	.173
801- 901	JL8- 1	0.0	-213.96	162.04	-449.05	4.23	-5.34	-174.63	-3.03	-.61		.30	.30	.175
		8.1	-215.63	-231.09	-483.53	.66	-2.78	-174.63	-3.05	-.92		.19	.19	.183
		16.2	-217.29	-387.54	-540.02	-2.51	-.48	-174.63	-3.07	-.90		.18	.18	.184
		24.3	-218.93	-332.96	-205.19	-5.34	1.56	-174.63	-3.10	-.50		.27	.27	.170
		32.4	-220.58	-84.38	440.83	-7.09	3.42	-174.63	-3.12	-.57		.35	.35	.174
801- 903	200- 1	0.0	-4.26	59.10	-540.66	-6.21	-.72	-22.83	-.11	-3.32		.39	.39	.147
		14.9	-4.15	-31.79	210.44	-2.81	-.29	-22.83	-.11	-1.19		.21	.21	.057
		29.8	-4.05	-48.29	434.27	.25	.09	-22.83	-.11	-2.45		.08	.08	.110
		44.7	-4.00	-9.10	139.78	2.99	.33	-22.83	-.11	-.78		.22	.22	.040
		59.6	-3.97	67.28	-621.43	5.48	.55	-22.83	-.10	-3.50		.35	.35	.154
802- 803	140- 1	0.0	18.60	-27.12	-159.68	-2.76	.01	15.04	.68	2.34		.37	.37	.139
		5.7	18.60	-21.66	-5.81	-1.74	.15	15.04	.68	.32		.27	.27	.054
		11.4	18.60	-6.84	77.95	-.71	.29	15.04	.68	1.13		.18	.18	.088
		17.1	18.60	17.32	91.59	.31	.42	15.04	.68	1.35		.16	.16	.097
		22.8	18.60	50.84	35.11	1.34	.56	15.04	.68	.89		.25	.25	.078
802- 804	100- 1	0.0	-3.26	-12.63	16.77	.41	.00	3.53	-.27	-.70		.13	.13	.047
		5.7	-3.28	-10.51	-4.04	.20	.05	3.53	-.28	-.38		.09	.09	.033
		11.4	-3.29	-5.47	-10.84	-.00	.09	3.53	-.28	-.41		.07	.07	.034
		17.1	-3.30	1.52	-3.61	-.21	.11	3.53	-.29	-.13		.10	.10	.023
		22.8	-3.32	9.49	17.64	-.41	.12	3.53	-.28	-.67		.13	.13	.046
802- 805	100- 1	0.0	-5.60	-10.08	-18.92	-.41	.00	-4.61	-.30	-.72		.15	.15	.049
		5.7	-3.61	-8.03	1.86	-.20	.05	-4.61	-.30	-.28		.11	.11	.031
		11.4	-3.63	-5.07	8.65	-.00	.09	-4.61	-.30	-.31		.09	.09	.032
		17.1	-3.64	3.05	1.40	.21	.11	-4.61	-.31	-.14		.12	.12	.025
		22.8	-3.65	11.74	-19.87	.41	.12	-4.61	-.31	-.77		.15	.15	.052
803- 805	140- 1	0.0	7.92	-30.18	-112.61	-.24	-.19	3.85	.37	1.69		.06	.06	.098
		5.7	7.93	-38.87	-67.45	-.50	-.06	3.85	.37	1.38		.07	.07	.076
		11.4	7.95	-39.19	-44.90	-.75	.05	3.85	.37	.86		.10	.10	.058
		17.1	7.96	-32.11	15.04	-1.00	.15	3.85	.38	.51		.12	.12	.039
		22.8	7.98	-18.80	92.37	-1.26	.24	3.85	.38	1.36		.15	.15	.075
803- 903	JL8- 1	0.0	-124.21	-125.00	155.55	-4.53	-3.62	-15.04	-1.76	-.25		.17	.17	.097
		8.1	-125.88	-350.35	417.48	-.96	-1.06	-15.04	-1.78	-.69		.05	.05	.117
		16.2	-127.54	-539.02	555.42	2.21	1.25	-15.04	-1.80	-.62		.08	.08	.115
		24.3	-129.18	-116.63	-1.37	5.04	3.28	-15.04	-1.83	-.15		.18	.18	.096
		32.4	-130.83	294.71	-617.74	7.59	5.14	-15.04	-1.85	-.87		.27	.27	.128

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906	200- 1	0.0	-169.44	-350.52	49.31	1.73	2.29	12.80	-4.45	-1.98		.19	.19	.387
		14.9	-169.37	-20.27	-155.99	.58	1.39	12.80	-4.45	-.86		.11	.11	.337
		29.8	-169.28	159.10	-104.17	-.47	.39	12.80	-4.45	-1.20		.07	.07	.352
		44.7	-169.24	116.43	6.96	-1.42	-.64	12.80	-4.45	-.65		.12	.12	.327
		59.6	-169.17	-89.71	336.20	-2.23	-1.66	12.80	-4.45	-1.95		.18	.18	.385
804- 805	100- 1	0.0	6.15	.90	-68.59	-1.57	.11	1.13	.52	2.29		.28	.28	.120
		5.7	6.15	6.62	11.58	-.77	.06	1.13	.52	.45		.15	.15	.043
		11.4	6.15	8.44	37.16	.02	-.00	1.13	.52	1.27		.02	.02	.078
		17.1	6.15	6.36	8.19	.62	-.06	1.13	.52	.35		.16	.16	.039
		22.8	6.15	.38	-75.58	1.62	-.12	1.13	.52	2.52		.29	.29	.130
804- 806	100- 1	0.0	-38.14	-10.35	-22.76	-.54	.26	4.37	-1.80	-.36		.09	.09	.144
		5.7	-38.13	10.21	5.19	-.28	.33	4.37	-1.80	-.17		.07	.07	.135
		11.4	-38.11	34.94	15.76	-.03	.39	4.37	-1.80	-.55		.07	.07	.152
		17.1	-38.10	62.59	8.94	.23	.42	4.37	-1.80	-.91		.08	.08	.167
		22.8	-38.08	92.07	-15.29	.48	.44	4.37	-1.80	-1.35		.09	.09	.185
805- 806	100- 1	0.0	1.31	-15.94	-2.46	.31	.24	-9.51	.06	.23		.11	.11	.013
		5.7	1.33	3.11	-15.05	.05	.31	-9.51	.06	.22		.10	.10	.012
		11.4	1.34	20.34	-9.42	-.20	.36	-9.51	.06	.41		.11	.11	.020
		17.1	1.36	52.50	12.81	-.46	.40	-9.51	.06	.78		.13	.13	.036
		22.8	1.37	80.47	52.83	-.71	.42	-9.51	.06	1.39		.15	.15	.062
806- 901	200- 1	0.0	170.14	370.56	275.72	2.43	-2.31	3.72	4.47	2.58		.19	.19	.316
		14.9	170.23	41.35	-50.55	1.21	-1.37	3.72	4.47	.37		.11	.11	.223
		29.8	170.31	-120.84	-165.30	.09	-.44	3.72	4.48	1.15		.03	.03	.255
		44.7	170.36	-117.50	-69.13	-.93	.48	3.72	4.48	.83		.07	.07	.242
		59.6	170.40	48.66	159.71	-1.84	1.36	3.72	4.48	.93		.13	.13	.247
806- 906	JL6- 1	0.0	374.05	203.98	73.65	-.69	6.48	56.60	5.29	.28		.22	.22	.257
		8.1	372.32	627.23	140.76	-.69	2.29	56.60	5.27	.82		.10	.10	.278
		16.2	370.65	864.00	207.86	-.69	-1.90	56.60	5.24	.86		.08	.08	.280
		24.3	368.94	956.19	274.97	-.69	-4.80	56.60	5.22	.57		.17	.17	.256
		32.4	367.23	-260.84	342.08	-.69	-7.84	56.60	5.20	.55		.26	.26	.264
810- 910	P2- 1	0.0	216.44	-1147.78	-186.82	-4.52	4.25	-397.93	.86	.48		.13	.13	.060
		8.1	210.50	-885.48	253.28	-4.52	5.25	-397.93	.84	.30		.14	.14	.052
		16.2	204.56	-126.48	693.34	-4.52	6.24	-397.93	.81	.29		.14	.14	.050
		24.3	198.61	529.14	1135.49	-4.52	7.23	-397.93	.79	.52		.15	.15	.059
		32.4	192.67	1281.56	1573.59	-4.52	8.22	-397.93	.77	.85		.16	.16	.071
811- 911	P2- 1	0.0	219.35	-1037.36	554.81	5.24	9.09	12.29	.85	.70		.09	.09	.069
		8.1	208.40	-705.84	-151.00	5.24	10.09	12.29	.83	.30		.09	.09	.051
		16.2	202.46	326.31	-860.81	5.24	11.08	12.29	.81	.31		.10	.10	.050
		24.3	196.52	1453.46	-1170.63	5.24	12.07	12.29	.78	.78		.11	.11	.069
		32.4	190.57	2678.44	-1460.44	5.24	13.07	12.29	.76	1.32		.11	.11	.091

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	PZ- 1	0.0	-953.91	2963.37	-17.33	.20	-17.79	54.38	-3.80	-1.23		.15	.15	.234
		8.1	-959.85	1280.42	-36.44	.20	-16.80	54.38	-3.82	-.53		.14	.14	.209
		16.2	-965.80	-305.98	-55.54	.20	-15.80	54.38	-3.84	-.13		.14	.14	.196
		24.3	-971.74	-1795.85	-74.65	.20	-14.81	54.38	-3.87	-.75		.13	.13	.220
		32.4	-977.68	-3189.17	-93.76	.20	-13.82	54.38	-3.89	-1.33		.12	.12	.242
901- 902	169- 1	0.0	-8.50	20.38	33.37	-1.19	-.17	-10.88	-.35	-.43		.16	.16	.044
		6.9	-8.50	7.81	94.52	-.30	-.14	-10.88	-.35	-1.04		.09	.09	.070
		13.7	-8.50	-2.50	82.37	.59	-.11	-10.88	-.35	-.90		.11	.11	.064
		20.6	-8.50	-10.55	-3.09	1.48	-.08	-10.88	-.35	-.12		.18	.18	.031
		27.4	-8.50	-16.35	-161.45	2.38	-.06	-10.88	-.35	-1.78		.25	.25	.101
901- 904	169- 1	0.0	-58.37	-60.88	111.04	.22	.10	-5.58	-2.40	-1.38		.05	.05	.231
		6.9	-58.38	-51.05	82.98	.46	.12	-5.58	-2.40	-1.07		.07	.07	.219
		13.7	-58.40	-40.56	34.64	.71	.15	-5.58	-2.40	-.56		.09	.09	.201
		20.6	-58.42	-27.02	-33.98	.96	.16	-5.58	-2.40	-.47		.11	.11	.197
		27.4	-58.43	-11.22	-122.86	1.20	.21	-5.58	-2.40	-1.35		.13	.13	.228
901-1001	JL9- 1	0.0	-16.52	-306.27	300.13	4.95	-1.75	-172.90	-.23	-.55		.26	.26	.034
		8.1	-18.20	-392.62	-67.36	2.63	-.05	-172.90	-.26	-.51		.18	.18	.034
		16.2	-19.90	-521.39	-217.29	.49	1.49	-172.90	-.28	-.49		.15	.15	.035
		24.3	-21.58	-106.81	-169.13	-1.44	2.90	-172.90	-.30	-.25		.20	.20	.026
		32.4	-23.23	238.74	56.56	-3.16	4.18	-172.90	-.33	-.31		.26	.26	.029
901-1002	180- 1	0.0	.50	2.65	-164.06	-2.62	-.07	-3.34	.02	1.60		.20	.20	.060
		10.6	.68	-3.84	76.06	-1.19	-.03	-3.34	.02	.85		.10	.10	.029
		21.1	.84	-5.87	140.32	.15	-.00	-3.34	.03	1.20		.03	.03	.052
		31.7	1.00	-4.68	44.81	1.34	.01	-3.34	.04	.39		.11	.11	.018
		42.2	1.20	-4.31	-194.37	2.43	-.02	-3.34	.04	1.66		.19	.19	.072
901-1004	180- 1	0.0	-156.32	-137.02	-53.79	-.93	1.61	-4.83	-5.69	-1.21		.16	.16	.389
		10.6	-156.22	11.02	52.03	-.43	.75	-4.83	-5.68	-.46		.08	.08	.356
		21.1	-156.12	52.67	74.97	.08	-.09	-4.83	-5.68	-.78		.03	.03	.370
		31.7	-155.98	-10.22	37.66	.52	-.89	-4.83	-5.67	-.33		.10	.10	.350
		42.2	-155.78	-171.37	-52.36	.89	-1.65	-4.83	-5.67	-1.53		.16	.16	.401
902- 903	169- 1	0.0	-8.18	-15.07	-157.83	-2.59	.01	8.79	-.34	-1.73		.24	.24	.098
		6.9	-8.18	-15.64	1.71	-1.49	.04	8.79	-.34	-.15		.17	.17	.031
		13.7	-8.18	-9.36	87.95	-.00	.07	8.79	-.34	-.97		.10	.10	.066
		20.6	-8.18	-2.65	100.48	.29	.09	8.79	-.34	-1.10		.07	.07	.071
		27.4	-8.18	5.95	40.50	1.18	.12	8.79	-.34	-.45		.15	.15	.044
902- 904	109- 1	0.0	-2.59	-8.92	14.42	.31	-.03	3.98	-.22	-.57		.12	.12	.039
		6.9	-2.59	-9.08	-4.65	.16	.03	3.98	-.22	-.34		.09	.09	.030
		13.7	-2.58	-5.01	-11.11	.00	.07	3.98	-.22	-.41		.08	.08	.032
		20.6	-2.57	1.67	-5.00	-.15	.10	3.98	-.22	-.16		.10	.10	.023
		27.4	-2.56	10.17	13.69	-.30	.10	3.98	-.21	-.57		.12	.12	.039

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MAL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905 109- 1		0.0	-3.26	-9.47	-14.44	-.30	-.03	-3.51	-.27	-.69		.11	.11	.048
		6.9	-3.25	-9.71	.31	-.15	.03	-3.51	-.27	-.32		.08	.08	.033
		13.7	-3.24	-5.72	6.48	.00	.07	-3.51	-.27	-.29		.07	.07	.031
		20.6	-3.23	1.08	.07	.15	.09	-3.51	-.27	-.04		.09	.09	.021
		27.4	-3.22	9.29	-18.92	.31	.10	-3.51	-.27	-.70		.11	.11	.049
903- 905 169- 1		0.0	60.62	-62.97	-114.64	-.08	.11	3.10	2.49	1.43		.03	.03	.175
		6.9	60.60	-53.11	-98.11	-.32	.13	3.10	2.49	1.22		.05	.05	.167
		13.7	60.59	-41.00	-61.29	-.57	.16	3.10	2.49	.81		.07	.07	.149
		20.6	60.57	-26.63	-4.19	-.82	.19	3.10	2.49	.29		.09	.09	.128
		27.4	60.56	-10.01	73.19	-1.06	.22	3.10	2.49	.81		.11	.11	.149
903-1002 180- 1		0.0	-3.75	-12.17	169.11	2.69	-.03	12.86	-.14	-1.45		.25	.25	.069
		10.6	-3.58	-13.69	-79.93	1.26	.01	12.86	-.13	-.69		.15	.15	.037
		21.1	-3.42	-10.95	-153.12	-.08	.04	12.86	-.12	-1.31		.06	.06	.063
		31.7	-3.26	-5.18	-66.53	-1.27	.05	12.86	-.12	-.57		.15	.15	.031
		42.2	-3.06	-.03	165.73	-2.36	.02	12.86	-.11	-1.40		.23	.23	.065
903-1003 JL9- 1		0.0	-17.89	204.35	-709.86	-5.97	-3.12	129.25	-.25	-.94		.27	.27	.052
		8.1	-19.57	-14.66	-243.30	-3.65	-1.42	129.25	-.28	-.31		.19	.19	.027
		15.2	-21.27	-76.50	5.71	-1.51	.15	129.25	-.30	-.10		.12	.12	.019
		24.3	-22.93	5.21	56.64	.42	1.55	129.25	-.32	-.07		.13	.13	.019
		32.4	-24.60	217.89	-69.98	2.14	2.82	129.25	-.35	-.29		.18	.18	.029
903-1005 180- 1		0.0	-158.67	-190.31	-12.55	.78	1.81	21.04	-5.77	-1.65		.23	.23	.412
		10.6	-158.58	-14.95	-79.01	.28	.96	21.04	-5.77	-.69		.16	.16	.371
		21.1	-158.47	52.26	-82.81	-.21	.11	21.04	-5.76	-.84		.11	.11	.377
		31.7	-158.31	15.51	-26.55	-.67	-.66	21.04	-5.76	-.26		.16	.16	.352
		42.2	-158.13	-119.51	62.81	-1.04	-1.44	21.04	-5.75	-1.24		.22	.22	.394
904- 905 109- 1		0.0	5.23	5.26	-59.47	-1.19	-.00	-.25	.44	2.00		.20	.20	.104
		6.9	5.23	4.44	12.96	-.57	-.00	-.25	.44	.46		.10	.10	.040
		13.7	5.23	4.62	54.55	.04	-.00	-.25	.44	1.17		.01	.01	.070
		20.6	5.23	4.30	5.58	.66	-.00	-.25	.44	.24		.12	.12	.030
		27.4	5.23	3.97	-74.23	1.28	-.00	-.25	.44	2.49		.22	.22	.125
904- 906 169- 1		0.0	-63.62	-12.00	-49.72	-.68	.31	9.91	-2.61	-.56		.12	.12	.215
		6.9	-63.64	14.67	-3.98	-.43	.33	9.91	-2.61	-.17		.10	.10	.201
		13.7	-63.65	42.20	21.46	-.19	.33	9.91	-2.61	-.52		.09	.09	.216
		20.6	-63.67	69.15	26.61	.06	.32	9.91	-2.61	-.81		.08	.08	.228
		27.4	-63.68	94.14	11.47	.31	.29	9.91	-2.62	-1.04		.09	.09	.238
905- 906 169- 1		0.0	54.96	-10.61	-19.96	.18	.31	-10.02	2.26	.25		.08	.08	.115
		6.9	54.94	16.15	-24.78	-.06	.33	-10.02	2.26	.32		.08	.08	.118
		13.7	54.92	43.78	-9.30	-.31	.34	-10.02	2.26	.49		.09	.09	.125
		20.6	54.91	70.84	26.47	-.56	.32	-10.02	2.26	.83		.11	.11	.139
		27.4	54.89	95.92	82.55	-.80	.29	-10.02	2.25	1.38		.12	.12	.163

SIMAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACRR PLATFORMS - PLATFORM #3 + #4 - MHL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	100- 1	0.0	153.62	143.69	107.23	1.51	-1.19	-7.45	5.59	1.53		.16	.16	.323
		10.6	153.81	28.51	-16.93	.66	-.64	-7.45	5.60	.28		.10	.10	.271
		21.1	153.98	-19.57	-51.01	.04	-.12	-7.45	5.60	.55		.04	.04	.242
		31.7	154.12	-4.09	-28.91	-.54	.36	-7.45	5.61	.25		.08	.08	.270
		42.2	154.23	70.63	75.49	-1.10	.81	-7.45	5.61	.88		.13	.13	.297
906-1005	100- 1	0.0	156.90	93.27	-141.38	-1.39	-.99	6.26	5.71	1.45		.15	.15	.325
		10.6	157.09	2.99	-6.33	-.74	-.44	6.26	5.71	.06		.09	.09	.267
		21.1	157.26	-19.80	48.65	-.13	.08	6.26	5.72	.45		.04	.04	.284
		31.7	157.39	20.77	27.44	.46	.56	6.26	5.73	.29		.08	.08	.277
		42.2	157.50	120.59	-66.07	1.01	1.01	6.26	5.73	1.18		.13	.13	.315
905-1006	JL9- 1	0.0	48.34	40.78	465.47	1.30	4.28	-67.69	.68	.62		.17	.17	.058
		8.1	46.65	319.52	359.42	1.30	1.48	-67.69	.66	.61		.10	.10	.056
		16.2	44.96	336.80	253.37	1.30	-1.10	-67.69	.64	.52		.09	.09	.051
		24.3	43.26	109.47	107.33	1.30	-3.54	-67.69	.61	.19		.15	.15	.037
		32.4	41.60	-345.60	-18.72	1.30	-5.77	-67.69	.59	.44		.21	.21	.046
1010- 910	P3- 1	0.0	164.74	-9799.36	-3339.21	-4.54	26.13	-536.62	.56	3.73		.28	.28	.183
		8.1	171.73	-7199.05	-2847.45	-4.54	27.30	-536.62	.58	2.80		.28	.28	.145
		16.2	178.72	-4485.27	-2455.69	-4.54	28.47	-536.62	.60	1.84		.29	.29	.106
		24.3	185.72	-1658.01	-2013.93	-4.54	29.63	-536.62	.63	.94		.30	.30	.069
		32.4	192.71	1282.72	-1572.18	-4.54	30.80	-536.62	.65	.73		.31	.31	.041
1011- 911	P3- 1	0.0	162.65	-10514.57	3727.52	5.27	31.56	293.14	.55	4.02		.27	.27	.195
		8.1	169.64	-7386.65	3215.07	5.27	32.72	293.14	.57	2.91		.28	.28	.149
		16.2	176.64	-4145.25	2702.61	5.27	33.89	293.14	.60	1.76		.28	.28	.103
		24.3	183.63	-790.38	2190.16	5.27	35.05	293.14	.62	.84		.29	.29	.064
		32.4	190.62	2677.96	1677.70	5.27	36.22	293.14	.64	1.14		.30	.30	.078
1012- 912	P3- 1	0.0	-1005.72	18089.18	170.46	.20	-56.99	-195.01	-3.40	-6.52		.42	.42	.432
		8.1	-998.73	12599.25	151.37	.20	-55.82	-195.01	-3.38	-4.54		.41	.41	.348
		16.2	-991.74	7222.68	132.28	.20	-54.66	-195.01	-3.35	-2.61		.40	.40	.265
		24.3	-984.74	1960.07	113.19	.20	-53.49	-195.01	-3.33	-.71		.40	.40	.192
		32.4	-977.75	-3189.17	94.04	.20	-52.32	-195.01	-3.31	-1.15		.39	.39	.206
1001-1002	200- 1	0.0	83.27	-51.17	1.87	-1.35	.20	23.91	2.19	.29		.14	.14	.113
		8.0	83.27	-27.62	89.65	-.47	.20	23.91	2.19	.53		.09	.09	.123
		16.0	83.27	-12.16	92.74	.41	.12	23.91	2.19	.52		.09	.09	.123
		24.0	83.27	-4.21	11.13	1.29	.04	23.91	2.19	.07		.13	.13	.104
		32.0	83.27	-3.95	-155.16	2.17	-.04	23.91	2.19	.87		.18	.18	.138
1001-1004	200- 1	0.0	74.84	-222.26	153.02	.30	.91	30.35	1.97	1.51		.16	.16	.155
		8.0	74.86	-138.45	115.32	.49	.83	30.35	1.97	1.01		.16	.16	.134
		16.0	74.90	-62.34	57.09	.72	.75	30.35	1.97	.47		.16	.16	.111
		24.0	74.94	0.07	-20.75	.96	.67	30.35	1.97	.14		.17	.17	.097
		32.0	74.95	66.78	-152.36	1.24	.59	30.35	1.97	.83		.18	.18	.126

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 7

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	85.89	-.08	-193.49	-2.58	.02	-53.43	2.26	1.08		.29	.29	.150
		8.0	85.89	-3.01	12.34	-1.70	-.06	-53.43	2.26	.07		.24	.24	.108
		16.0	85.89	-13.05	133.48	-.82	-.14	-53.43	2.26	.75		.19	.19	.136
		24.0	85.89	-30.78	169.93	.06	-.22	-53.43	2.26	.97		.16	.16	.145
		32.0	85.89	-56.22	121.69	.94	-.30	-53.43	2.26	.75		.20	.20	.136
1002-1004	140- 1	0.0	-5.65	-103.05	21.50	.34	.66	13.74	-.35	-1.98		.22	.22	.104
		8.0	-5.64	-45.53	-3.04	.17	.54	13.74	-.35	-.85		.20	.20	.057
		16.0	-5.63	1.60	-10.38	-.01	.43	13.74	-.35	-.20		.18	.18	.029
		24.0	-5.62	37.76	-.54	-.19	.32	13.74	-.35	-.71		.18	.18	.050
		32.0	-5.61	63.14	26.48	-.37	.21	13.74	-.35	-1.29		.18	.18	.075
1002-1005	140- 1	0.0	-5.55	-116.64	-10.38	-.28	.70	-11.11	-.35	-2.20		.20	.20	.113
		8.0	-5.54	-54.75	7.87	-.10	.59	-11.11	-.35	-1.04		.18	.18	.064
		16.0	-5.53	-3.48	8.93	.08	.48	-11.11	-.34	-.18		.16	.16	.028
		24.0	-5.52	37.09	-7.19	.26	.37	-11.11	-.34	-.71		.16	.16	.050
		32.0	-5.51	66.84	-40.50	.44	.25	-11.11	-.34	-1.47		.17	.17	.082
1003-1005	200- 1	0.0	80.76	-215.36	-262.33	-.62	1.05	-30.65	2.12	1.90		.15	.15	.178
		8.0	80.78	-118.45	-193.82	-.81	.97	-30.65	2.12	1.27		.15	.15	.152
		16.0	80.82	-29.28	-104.79	-1.04	.89	-30.65	2.12	.61		.16	.16	.124
		24.0	80.85	52.27	7.86	-1.30	.81	-30.65	2.13	.30		.17	.17	.111
		32.0	80.85	126.08	146.30	-1.58	.73	-30.65	2.13	1.08		.18	.18	.144
1004-1005	140- 1	0.0	10.55	-3.32	-77.30	-1.24	.26	-2.18	.66	1.45		.18	.18	.092
		8.0	10.55	16.72	10.86	-.60	.15	-2.18	.66	.37		.10	.10	.048
		16.0	10.55	25.99	37.46	.04	.04	-2.18	.66	.86		.03	.03	.066
		24.0	10.55	24.48	2.45	.68	-.07	-2.18	.66	.46		.11	.11	.050
		32.0	10.55	12.16	-94.15	1.33	-.18	-2.18	.66	1.78		.19	.19	.105
1004-1006	200- 1	0.0	-137.73	-151.79	-4.20	-.47	1.17	-6.36	-3.62	-.85		.08	.08	.292
		8.0	-137.74	-43.61	26.71	-.18	1.09	-6.36	-3.62	-.29		.08	.08	.267
		16.0	-137.76	50.87	29.92	.11	1.01	-6.36	-3.62	-.36		.07	.07	.270
		24.0	-137.78	149.65	5.43	.40	.93	-6.36	-3.62	-.84		.07	.07	.292
		32.0	-137.80	234.73	-46.78	.69	.85	-6.36	-3.62	-1.34		.08	.08	.314
1005-1006	200- 1	0.0	-135.52	-94.11	1.86	.24	.99	18.21	-3.56	-.53		.10	.10	.274
		8.0	-135.54	-2.47	-7.80	-.04	.91	18.21	-3.56	-.05		.10	.10	.252
		16.0	-135.55	80.47	10.24	-.33	.83	18.21	-3.56	-.45		.10	.10	.270
		24.0	-135.57	156.21	55.98	-.62	.75	18.21	-3.56	-.93		.10	.10	.291
		32.0	-135.59	224.25	129.42	-.91	.67	18.21	-3.56	-1.45		.11	.11	.312

SINAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 8

U.S. NAVY - ACMH PLATFORMS - PLATFORM B3 & B4 - MWL 105.0 FEET - OPERATIONAL SIM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102	M10- 1	0.0	-4.48	402.20	-7.18	-.06	-7.04	.01	-.28	4.51	-.67	.01	1.09	.236
		3.6	-4.48	133.27	-4.69	-.06	-5.32	.01	-.28	1.50	-.44	.01	.83	.099
		7.3	-4.48	-60.75	-2.21	-.06	-3.60	.01	-.28	-.68	-.21	.01	.56	.054
		10.9	-4.48	-179.88	.27	-.06	-1.88	.01	-.28	-2.02	.03	.01	.29	.102
		14.5	-4.48	-224.10	2.75	-.06	-.16	.01	-.28	-2.51	.26	.01	.02	.133
101- 104	M10- 1	0.0	-4.21	400.69	-7.78	-.06	-7.04	-.01	-.26	4.50	-.73	.01	1.09	.237
		3.6	-4.21	151.78	-4.95	-.06	-5.32	-.01	-.26	1.48	-.46	.01	.83	.098
		7.2	-4.21	-62.28	-2.13	-.06	-3.60	-.01	-.26	-.70	-.20	.01	.56	.053
		10.9	-4.21	-181.51	.70	-.06	-1.88	-.01	-.26	-2.04	.06	.01	.29	.103
		14.5	-4.21	-225.91	3.52	-.06	-.16	-.01	-.26	-2.54	.33	.01	.03	.136
101- 201	DRL- 1	0.0	-19.09	-346.96	602.64	6.64	3.56	-14.95	-.21	-1.09		.18	.18	.056
		3.8	-20.25	-156.93	303.93	6.64	3.56	-14.95	-.22	-.56		.18	.18	.034
		7.5	-21.41	-26.91	5.21	6.64	3.56	-14.95	-.24	-.04		.18	.18	.013
		11.3	-22.58	133.12	-293.50	6.64	3.56	-14.95	-.25	-.50		.18	.18	.033
		15.0	-23.74	293.14	-592.22	6.64	3.56	-14.95	-.26	-1.03		.18	.18	.056
102- 103	M10- 1	0.0	-4.54	-223.94	2.03	.03	.19	-.02	-.28	-2.51	.19	.00	.03	.130
		3.6	-4.54	-178.09	.77	.03	1.91	-.02	-.28	-2.00	.07	.00	.30	.103
		7.3	-4.54	-57.35	-.50	.03	3.64	-.02	-.28	-.64	-.05	.00	.56	.045
		10.9	-4.54	136.30	-1.76	.03	5.36	-.02	-.28	1.55	-.16	.00	.83	.089
		14.5	-4.54	408.85	-3.03	.03	7.08	-.02	-.28	4.59	-.28	.00	1.10	.222
102- 104	M06- 1	0.0	-.02	.18	.59	.01	-.17	.00	-.00	.01	.11	.00	.09	.005
		3.6	-.02	-5.53	.31	.01	-.09	.00	-.00	-.27	.06	.00	.05	.014
		7.2	-.02	-7.47	.04	.01	-.00	.00	-.00	-.36	.01	.00	.00	.016
		10.9	-.02	-5.62	-.24	.01	.09	.00	-.00	-.27	-.04	.00	.04	.014
		14.5	-.02	.02	-.51	.01	.17	.00	-.00	.00	-.09	.00	.09	.004
102- 105	M06- 1	0.0	.11	-.15	.13	-.00	-.17	.00	.02	-.01	.02	.00	.09	.002
		3.6	.11	-5.81	.20	-.00	-.09	.00	.02	-.28	.03	.00	.04	.014
		7.2	.11	-7.70	.26	-.00	.00	.00	.02	-.37	.05	.00	.00	.018
		10.9	.11	-5.80	.33	-.00	.09	.00	.02	-.28	.06	.00	.04	.015
		14.5	.11	-.12	.39	-.00	.17	.00	.02	-.01	.07	.00	.09	.004
103- 105	M10- 1	0.0	-6.22	406.35	2.43	.02	-7.07	.02	-.38	4.58	.23	.00	1.10	.225
		3.6	-6.22	158.46	1.75	.02	-5.35	.02	-.38	1.55	.16	.00	.83	.094
		7.2	-6.22	-56.60	1.07	.02	-3.63	.02	-.38	-.64	.10	.00	.56	.053
		10.9	-6.22	-176.82	.40	.02	-1.90	.02	-.38	-1.98	.04	.00	.30	.107
		14.5	-6.22	-222.21	-.28	.02	-.18	.02	-.38	-2.49	-.03	.00	.03	.128
103- 203	DRL- 1	0.0	-19.15	-553.80	-813.15	-7.67	5.35	5.46	-.21	-1.11		.21	.21	.057
		3.8	-20.31	-112.91	-268.98	-7.67	5.35	5.46	-.22	-.46		.21	.21	.030
		7.5	-21.47	127.77	77.02	-7.67	5.35	5.46	-.24	-.23		.21	.21	.021
		11.3	-22.64	366.46	422.09	-7.67	5.35	5.46	-.25	-.88		.21	.21	.049
		15.0	-23.80	604.15	767.17	-7.67	5.35	5.46	-.26	-1.53		.21	.21	.077

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 #08- 1		0.0	-.11	-.07	-.03	-.00	-.17	-.00	-.02	-.00	-.00	.00	.09	.002
		3.6	-.11	-5.71	.10	-.00	-.09	-.00	-.02	-.27	.02	.00	.04	.014
		7.3	-.11	-7.57	.22	-.00	.00	-.00	-.02	-.36	.04	.00	.00	.018
		10.9	-.11	-5.64	.35	-.00	.09	-.00	-.02	-.27	.06	.00	.05	.016
		14.5	-.11	.07	.47	-.00	.17	-.00	-.02	.00	.08	.00	.09	.005
104- 106 #16- 1		0.0	-4.16	-225.66	3.03	.04	.19	.01	-.26	-2.53	.28	.01	.03	.134
		3.6	-4.16	-180.33	1.09	.04	1.91	.01	-.26	-2.02	.10	.01	.30	.104
		7.3	-4.16	-59.88	-.86	.04	3.63	.01	-.26	-.67	-.08	.01	.56	.046
		10.9	-4.16	135.50	-2.80	.04	5.35	.01	-.26	1.52	-.26	.01	.83	.090
		14.5	-4.16	411.94	-4.75	.04	12.07	.01	-.26	4.62	-.44	.01	1.87	.229
105- 106 #16- 1		0.0	-6.11	-222.30	.58	.02	.17	-.01	-.38	-2.49	.05	.00	.03	.129
		3.6	-6.11	-177.65	-.34	.02	1.89	-.01	-.38	-1.99	-.04	.00	.29	.107
		7.3	-6.11	-58.07	-1.35	.02	3.61	-.01	-.38	-.65	-.13	.00	.56	.058
		10.9	-6.11	136.44	-2.32	.02	5.33	-.01	-.38	1.53	-.22	.00	.83	.096
		14.5	-6.11	405.87	-3.28	.02	7.05	-.01	-.38	4.55	-.31	.00	1.10	.227
106- 206 DBL- 1		0.0	-19.97	755.03	-35.31	.77	-9.22	8.19	-.22	-1.18		.21	.21	.060
		3.8	-21.14	340.10	-69.99	.77	-9.22	8.19	-.23	-.54		.21	.21	.038
		7.5	-22.30	-74.82	-104.67	.77	-9.22	8.19	-.24	-.20		.21	.21	.020
		11.3	-23.48	-489.75	-139.35	.77	-9.22	8.19	-.26	-.80		.21	.21	.046
		15.0	-24.62	-904.68	-174.03	.77	-9.22	8.19	-.27	-1.44		.21	.21	.074
201- 202 #16- 1		0.0	.56	586.37	-7.96	-.06	-10.13	.05	.03	6.58	-.74	.01	1.57	.313
		3.6	.56	199.60	-5.14	-.06	-7.65	.05	.03	2.24	-.48	.01	1.19	.118
		7.3	.56	-79.16	-2.31	-.06	-5.17	.05	.03	-.89	-.22	.01	.80	.049
		10.9	.56	-249.91	.52	-.06	-2.68	.05	.03	-2.80	.05	.01	.42	.122
		14.5	.56	-512.65	3.34	-.06	-.20	.05	.03	-3.51	.31	.01	.03	.164
201- 204 #16- 1		0.0	2.25	582.67	-7.91	-.06	-10.10	-.06	.14	6.54	-.74	.01	1.57	.316
		3.6	2.25	197.56	-5.09	-.06	-7.62	-.06	.14	2.22	-.47	.01	1.18	.122
		7.2	2.25	-79.83	-2.27	-.06	-5.14	-.06	.14	-.90	-.21	.01	.80	.058
		10.9	2.25	-249.30	.55	-.06	-2.66	-.06	.14	-2.80	.05	.01	.41	.127
		14.5	2.25	-510.85	3.38	-.06	-.17	-.06	.14	-3.49	.31	.01	.03	.168
201- 301 DBL- 1		0.0	-53.40	-253.60	361.20	1.17	1.76	-75.11	-.59	-.69		.11	.11	.057
		3.8	-54.56	-173.64	308.64	1.17	1.76	-75.11	-.60	-.55		.11	.11	.052
		7.5	-55.72	-93.69	256.08	1.17	1.76	-75.11	-.61	-.43		.11	.11	.047
		11.3	-56.89	-13.75	203.52	1.17	1.76	-75.11	-.62	-.32		.11	.11	.044
		15.0	-58.05	66.22	150.96	1.17	1.76	-75.11	-.64	-.26		.11	.11	.042
201- 303 120- 1		0.0	5.09	52.66	-24.22	-.05	-.91	-1.33	.26	1.02		.11	.11	.055
		8.2	4.85	-13.57	-19.17	-.05	-.44	-1.33	.25	.41		.06	.06	.029
		16.3	4.61	-55.63	-14.13	-.05	.03	-1.33	.24	.64		.02	.02	.038
		24.5	4.36	-7.53	-9.09	-.05	.50	-1.33	.23	.21		.06	.06	.019
		32.6	4.12	54.72	-4.05	-.05	.97	-1.33	.21	1.14		.11	.11	.058

LOAD CONDITION NO. 8

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 & #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
202- 203 #16- 1		0.0	.49	-323.98	2.61	.04	.21	-.05	.03	-3.64	.24	.00	.03	.166
		3.6	.49	-260.65	1.05	.04	2.70	-.05	.03	-2.92	.10	.00	.42	.129
		7.3	.49	-89.30	-.51	.04	5.18	-.05	.03	-1.00	-.05	.00	.81	.046
		10.9	.49	190.05	-2.07	.04	7.66	-.05	.03	2.13	-.19	.00	1.19	.100
		14.5	.49	577.44	-3.63	.04	10.15	-.05	.03	6.48	-.34	.00	1.58	.290
202- 204 #06- 1		0.0	-.01	-11.26	.63	.01	-.17	-.00	-.00	-.54	.11	.00	.09	.028
		3.6	-.01	-10.96	.32	.01	-.09	-.00	-.00	-.82	.06	.00	.05	.037
		7.2	-.01	-10.87	.02	.01	-.00	-.00	-.00	-.91	.00	.00	.00	.038
		10.9	-.01	-11.01	-.28	.01	.09	-.00	-.00	-.82	-.05	.00	.04	.037
		14.5	-.01	-11.36	-.59	.01	.17	-.00	-.00	-.55	-.11	.00	.09	.028
202- 205 #08- 1		0.0	.12	11.39	.11	-.00	-.24	-.02	.02	.55	.02	.00	.12	.026
		3.6	.12	2.65	.19	-.00	-.15	-.02	.02	.14	.03	.00	.08	.009
		7.2	.12	-1.94	.27	-.00	-.07	-.02	.02	-.09	.05	.00	.04	.007
		10.9	.12	-2.93	.35	-.00	.02	-.02	.02	-.14	.06	.01	.02	.010
		14.5	.12	-.15	.43	-.00	.11	-.02	.02	-.01	.08	.01	.06	.005
203- 205 #16- 1		0.0	1.96	1294.81	2.34	.01	-22.63	-.07	.12	14.53	.22	.00	3.51	.628
		3.6	1.96	435.12	1.72	.01	-17.00	-.07	.12	4.86	.16	.00	2.64	.218
		7.2	1.96	-183.58	1.11	.01	-11.37	-.07	.12	-2.06	.10	.00	1.77	.097
		10.9	1.96	-555.29	.49	.01	-5.73	-.07	.12	-6.23	.05	.00	.89	.270
		14.5	1.96	-882.01	-.13	.01	-.10	-.07	.12	-7.65	-.01	.00	.02	.328
203- 303 DKL- 1		0.0	-66.31	-546.74	-488.46	-4.12	-.18	24.42	-.73	-1.15		.11	.11	.083
		3.8	-67.46	-554.67	-303.18	-4.12	-.18	24.42	-.74	-.99		.11	.11	.077
		7.5	-68.64	-562.81	-117.87	-4.12	-.18	24.42	-.75	-.90		.11	.11	.074
		11.3	-69.90	-570.54	67.83	-4.12	-.18	24.42	-.77	-.90		.11	.11	.075
		15.0	-70.96	-578.44	253.34	-4.12	-.18	24.42	-.78	-.99		.11	.11	.079
203- 306 120- 1		0.0	5.33	45.58	15.83	.08	-.89	2.32	.24	.85		.11	.11	.048
		8.2	5.08	-18.41	7.85	.08	-.42	2.32	.26	.35		.06	.06	.027
		16.3	4.84	-36.05	-.14	.08	.06	2.32	.25	.64		.03	.03	.038
		24.5	4.59	-7.55	-8.13	.08	.53	2.32	.24	.20		.08	.08	.019
		32.6	4.35	67.10	-16.11	.08	1.00	2.32	.23	1.22		.12	.12	.062
204- 205 #06- 1		0.0	-.11	11.57	.03	-.00	-.24	.02	-.02	.55	.01	.00	.13	.026
		3.6	-.11	2.78	.14	-.00	-.15	.02	-.02	.13	.03	.00	.08	.009
		7.3	-.11	-2.03	.25	-.00	-.07	.02	-.02	-.10	.04	.00	.04	.008
		10.9	-.11	-5.06	.36	-.00	.02	.02	-.02	-.15	.06	.01	.02	.011
		14.5	-.11	-.29	.47	-.00	.11	.02	-.02	-.01	.08	.01	.06	.006
204- 206 #18- 1		0.0	2.30	-322.23	2.76	.04	.24	.05	.14	-3.62	.26	.00	.04	.171
		3.6	2.30	-257.79	.96	.04	2.72	.05	.14	-2.89	.09	.01	.42	.133
		7.3	2.30	-85.29	-.44	.04	5.21	.05	.14	-.96	-.08	.01	.81	.051
		10.9	2.30	195.26	-2.85	.04	7.69	.05	.14	2.19	-.25	.01	1.20	.110
		14.5	2.30	591.83	-4.45	.04	10.17	.05	.14	6.64	-.41	.01	2.59	.335

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
205- 206 #16- 1		0.0	2.08	-681.93	.78	.03	.12	.06	.13	-7.65	.07	.00	.02	.332
		3.6	2.08	-554.20	-.31	.03	5.75	.06	.13	-6.22	-.03	.00	.89	.269
		7.3	2.08	-181.18	-1.40	.03	11.59	.06	.13	-2.03	-.13	.00	1.77	.098
		10.9	2.08	437.11	-2.49	.03	17.03	.06	.13	4.91	-.23	.00	2.65	.225
		14.5	2.08	1300.69	-3.58	.03	22.67	.06	.13	14.60	-.33	.00	3.52	.636
206- 301 120- 1		0.0	-3.28	47.94	-7.65	-.09	-.88	-8.53	-.17	-.86		.17	.17	.047
		8.2	-3.52	-14.79	1.33	-.09	-.40	-8.53	-.18	-.26		.12	.12	.022
		16.3	-3.77	-31.37	10.31	-.09	.07	-8.53	-.20	-.58		.09	.09	.037
		24.5	-4.01	-1.61	19.28	-.09	.54	-8.53	-.21	-.34		.13	.13	.027
		32.6	-4.25	73.91	28.26	-.09	1.01	-8.53	-.22	-1.40		.18	.18	.072
206- 306 DRL- 1		0.0	-63.24	770.34	146.86	-.80	-8.26	13.34	-.69	-1.25		.19	.19	.095
		3.8	-64.40	398.60	182.74	-.80	-8.26	13.34	-.71	-.69		.19	.19	.063
		7.5	-65.56	26.87	218.61	-.80	-8.26	13.34	-.72	-.34		.19	.19	.049
		11.3	-66.73	-344.87	254.49	-.80	-8.26	13.34	-.73	-.67		.19	.19	.064
		15.0	-67.89	-716.61	290.37	-.80	-8.26	13.34	-.75	-1.21		.19	.19	.087
301- 303 123- 1		0.0	3.66	67.38	-42.85	-.16	-1.01	-5.72	.19	1.41		.16	.16	.068
		7.3	3.66	.41	-28.98	-.16	-.55	-5.72	.19	.51		.11	.11	.030
		14.5	3.66	-25.55	-15.10	-.16	-.06	-5.72	.19	.52		.07	.07	.031
		21.7	3.66	-10.52	-1.23	-.16	.41	-5.72	.19	.19		.10	.10	.017
		29.0	3.66	45.51	12.64	-.16	.88	-5.72	.19	.83		.14	.14	.044
301- 306 123- 1		0.0	9.73	70.25	-36.96	-.12	-1.05	-1.11	.51	1.40		.12	.12	.082
		7.2	9.73	-.21	-26.55	-.12	-.57	-1.11	.51	.47		.07	.07	.043
		14.5	9.73	-29.69	-16.15	-.12	-.10	-1.11	.51	.60		.03	.03	.048
		21.7	9.73	-18.18	-5.74	-.12	.37	-1.11	.51	.34		.05	.05	.038
		29.0	9.73	34.32	4.66	-.12	.84	-1.11	.51	.61		.10	.10	.049
301- 401 DRL- 1		0.0	-54.50	-136.25	284.98	3.61	-3.05	-104.89	-.60	-.49		.19	.19	.051
		7.1	-55.71	-396.59	-23.79	3.61	-3.05	-104.89	-.62	-.62		.19	.19	.058
		14.2	-56.91	-656.94	-332.55	3.61	-3.05	-104.89	-.65	-1.15		.19	.19	.081
		21.4	-61.12	-789.75	-568.36	1.45	.72	-104.89	-.67	-1.52		.12	.12	.098
		28.5	-63.33	-539.75	-584.30	-1.03	5.04	-104.89	-.70	-1.24		.19	.19	.088
303- 306 123- 1		0.0	-3.50	82.32	23.20	.14	-1.07	-.54	-.18	-1.51		.12	.12	.074
		7.2	-3.50	9.35	11.11	.14	-.60	-.54	-.18	-.26		.07	.07	.021
		14.5	-3.50	-22.63	-1.04	.14	-.13	-.54	-.18	-.40		.02	.02	.027
		21.7	-3.50	-13.62	-15.20	.14	.34	-.54	-.18	-.33		.04	.04	.025
		29.0	-3.50	36.38	-25.35	.14	.81	-.54	-.18	-.78		.09	.09	.044
303- 403 DRL- 1		0.0	-71.89	-656.79	102.41	1.77	5.00	38.03	-.79	-1.04		.11	.11	.084
		7.1	-74.10	-402.68	-48.75	1.77	5.00	38.03	-.81	-.63		.11	.11	.068
		14.2	-76.31	-146.57	-199.91	1.77	5.00	38.03	-.84	-.39		.11	.11	.059
		21.4	-78.52	155.17	-319.04	.35	5.41	38.03	-.86	-.56		.15	.15	.067
		28.5	-80.73	805.88	-248.83	-1.97	9.49	38.03	-.89	-1.32		.24	.24	.101

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DBL- 1	0.0	-68.42	-594.88	318.90	3.75	1.05	49.41	-.75	-1.06		.12	.12	.083
		7.1	-70.63	-505.16	-1.30	3.75	1.05	49.41	-.78	-.79		.12	.12	.073
		14.2	-72.84	-415.45	-321.51	3.75	1.05	49.41	-.80	-.82		.12	.12	.075
		21.4	-75.05	-167.86	-550.14	1.52	5.23	49.41	-.82	-.90		.16	.16	.080
		28.5	-77.26	456.56	-556.08	-1.15	9.51	49.41	-.85	-1.14		.25	.25	.091
401- 501	JL4- 1	0.0	86.40	-295.80	-5567.82	-1.36	11.31	147.84	.34	1.97		.12	.12	.098
		1.1	85.45	-139.71	-5557.53	-.15	11.50	147.84	.34	1.96		.12	.12	.098
		2.3	84.46	18.92	-5563.70	1.04	11.68	147.84	.33	1.96		.12	.12	.098
		3.4	83.49	180.12	-5585.98	2.21	11.87	147.84	.33	1.97		.12	.12	.098
		4.6	82.53	343.91	-5624.03	3.54	12.06	147.84	.32	1.99		.12	.12	.099
401- 510	P1- 1	0.0	-149.14	65.78	6335.51	6.23	-2.54	-128.02	-.67	-2.96		.09	.09	.156
		1.1	-149.99	29.87	6250.05	6.23	-2.40	-128.02	-.68	-2.92		.09	.09	.155
		2.3	-150.83	-2.10	6164.59	6.23	-2.26	-128.02	-.68	-2.88		.09	.09	.153
		3.4	-151.68	-32.12	6079.14	6.23	-2.12	-128.02	-.69	-2.84		.09	.09	.152
		4.6	-152.53	-60.21	5993.68	6.23	-1.98	-128.02	-.69	-2.80		.09	.09	.150
403- 503	JL4- 1	0.0	701.34	-54.97	2178.83	-7.14	-8.61	-104.32	2.76	.77		.11	.11	.160
		1.1	700.36	-178.81	2278.76	-7.75	-9.48	-104.32	2.75	.81		.11	.11	.161
		2.3	699.39	-314.49	2388.92	-8.34	-10.34	-104.32	2.75	.85		.12	.12	.163
		3.4	698.42	-461.65	2507.15	-8.93	-11.17	-104.32	2.75	.90		.13	.13	.165
		4.6	697.44	-620.09	2633.28	-9.50	-11.98	-104.32	2.74	.95		.14	.14	.167
403- 511	P1- 1	0.0	-792.39	-415.10	-1102.35	-.23	2.94	-13.42	-3.58	-.55		.03	.03	.189
		1.1	-793.24	-373.75	-1099.26	-.23	3.09	-13.42	-3.58	-.54		.03	.03	.189
		2.3	-794.09	-330.45	-1096.18	-.23	3.23	-13.42	-3.59	-.54		.03	.03	.189
		3.4	-794.94	-285.22	-1093.09	-.23	3.37	-13.42	-3.59	-.53		.03	.03	.189
		4.6	-795.78	-238.04	-1090.00	-.23	3.51	-13.42	-3.60	-.52		.03	.03	.188
406- 506	JL4- 1	0.0	-616.09	-133.17	174.80	-.62	23.70	41.74	-2.42	-.08		.19	.19	.116
		1.1	-617.06	199.41	187.23	-1.20	24.90	41.74	-2.43	-.10		.20	.20	.117
		2.3	-618.03	548.32	207.47	-1.76	26.06	41.74	-2.43	-.21		.21	.21	.122
		3.4	-619.01	913.30	235.36	-2.31	27.25	41.74	-2.43	-.33		.22	.22	.127
		4.6	-619.98	1294.06	270.74	-2.85	28.39	41.74	-2.44	-.47		.23	.23	.133
406- 512	P1- 1	0.0	541.45	599.72	-751.46	-.51	-1.42	-84.16	2.45	.44		.03	.03	.132
		1.1	540.60	581.23	-724.49	-.51	-1.28	-84.16	2.44	.43		.03	.03	.131
		2.3	539.75	564.67	-717.52	-.51	-1.14	-84.16	2.44	.43		.03	.03	.131
		3.4	538.90	550.04	-710.54	-.51	-1.00	-84.16	2.44	.42		.03	.03	.130
		4.6	538.06	537.35	-703.57	-.51	-.86	-84.16	2.43	.41		.03	.03	.130
501- 502	105- 1	0.0	-15.73	42.94	-254.17	-.50	-1.32	42.11	-.52	-2.31		.28	.28	.126
		3.8	-15.73	-9.12	-210.97	-1.41	-.97	42.11	-.52	-1.89		.30	.30	.108
		7.6	-15.73	-45.69	-129.28	-2.32	-.63	42.11	-.52	-1.20		.35	.35	.079
		11.4	-15.73	-66.93	-.35	-3.23	-.31	42.11	-.52	-.60		.40	.40	.054
		15.1	-15.73	-73.54	166.91	-4.13	.01	42.11	-.52	-1.63		.46	.46	.098

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 8

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
501- 504	105- 1	0.0	48.30	265.17	-268.63	-.86	-2.58	11.93	1.60	3.38		.23	.23	.216
		3.8	48.30	156.03	-208.95	-1.77	-2.22	11.93	1.60	2.33		.24	.24	.172
		7.6	48.30	64.22	-107.64	-2.69	-1.86	11.93	1.60	1.12		.27	.27	.121
		11.4	49.29	-9.41	35.29	-3.60	-1.42	11.93	1.60	.33		.31	.31	.088
		15.1	48.29	-64.22	219.83	-4.52	-.99	11.93	1.60	2.05		.36	.36	.160
501- 601	JLS- 1	0.0	108.55	451.69	-4919.58	-45.96	-9.35	64.95	.76	3.10		.68	.68	.166
		1.5	107.83	282.44	-4094.58	-44.48	-9.20	64.95	.75	2.58		.66	.66	.143
		3.0	107.10	115.95	-3296.13	-43.05	-9.05	64.95	.75	2.07		.64	.64	.122
		4.6	106.38	-47.84	-2523.50	-41.65	-8.90	64.95	.74	1.59		.62	.62	.101
		6.1	105.66	-208.85	-1775.99	-40.30	-8.75	64.95	.74	1.12		.60	.60	.082
501- 622	200- 1	0.0	-63.41	-265.41	452.45	6.19	2.20	42.18	-1.67	-2.94		.46	.46	.207
		5.1	-63.78	-133.58	121.57	4.03	2.11	42.18	-1.68	-1.01		.39	.39	.126
		10.2	-64.15	-6.93	-116.69	3.17	2.03	42.18	-1.69	-.65		.32	.32	.112
		15.3	-64.18	105.75	-268.05	1.78	1.50	42.18	-1.69	-1.61		.24	.24	.152
		20.4	-64.19	176.42	-336.15	.45	.88	42.18	-1.69	-2.12		.17	.17	.174
502- 503	105- 1	0.0	-22.57	-76.53	99.99	2.27	.90	-11.06	-.75	-1.14		.21	.21	.089
		3.8	-22.57	-30.61	17.26	1.57	1.21	-11.06	-.75	-.31		.17	.17	.055
		7.6	-22.57	30.74	-24.60	.47	1.49	-11.06	-.75	-.35		.15	.15	.056
		11.4	-22.57	104.65	-26.00	-.41	1.76	-11.06	-.75	-.97		.17	.17	.082
		15.1	-22.57	190.27	12.63	-1.29	2.01	-11.06	-.75	-1.71		.21	.21	.113
502- 504	105- 1	0.0	-1.57	26.75	20.41	.19	-.55	-9.07	-.13	-1.13		.25	.25	.055
		3.8	-1.57	5.56	11.90	.19	-.39	-9.07	-.13	-.44		.22	.22	.026
		7.6	-1.57	-7.90	3.39	.19	-.20	-9.07	-.13	-.29		.20	.20	.019
		11.4	-1.57	-12.57	-5.13	.19	-.01	-9.07	-.13	-.45		.18	.18	.026
		15.2	-1.57	-8.63	-13.64	.19	.18	-9.07	-.13	-.54		.20	.20	.030
502- 505	105- 1	0.0	9.59	27.52	46.50	1.26	-.34	3.64	.81	1.80		.28	.28	.113
		3.8	9.59	13.63	2.97	.05	-.26	3.64	.81	.47		.18	.18	.057
		7.6	9.59	4.22	-12.79	.04	-.17	3.64	.81	.45		.09	.09	.056
		11.4	9.58	-1.09	-.80	-.57	-.07	3.64	.80	.05		.16	.16	.039
		15.2	9.58	-1.67	38.97	-1.18	.04	3.64	.80	1.30		.26	.26	.092
503- 505	105- 1	0.0	-57.40	287.24	50.07	.23	-2.93	4.40	-1.90	-2.61		.21	.21	.215
		3.8	-57.40	165.68	39.74	.23	-2.51	4.40	-1.90	-1.51		.19	.19	.169
		7.6	-57.40	59.02	29.41	.23	-2.07	4.40	-1.90	-.60		.16	.16	.130
		11.4	-57.40	-24.13	19.08	.23	-1.61	4.40	-1.90	-.28		.13	.13	.117
		15.1	-57.40	-86.78	8.75	.23	-1.15	4.40	-1.90	-.78		.10	.10	.138
503- 603	JLS- 1	0.0	575.72	-594.75	2348.46	26.83	13.90	17.77	4.03	1.52		.45	.45	.251
		1.5	575.99	-351.58	1829.13	26.10	12.76	17.77	4.03	1.17		.44	.44	.236
		3.0	575.27	-128.89	1325.02	27.38	11.66	17.77	4.02	.84		.42	.42	.221
		4.6	574.54	75.95	829.78	26.09	10.56	17.77	4.02	.52		.41	.41	.208
		6.1	575.80	257.56	349.03	26.01	9.55	17.77	4.01	.27		.39	.39	.197

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 & #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	155.67	391.79	111.51	.60	-4.19	7.16	3.57	2.28		.24	.24	.261
		5.1	155.28	166.59	76.04	.56	-3.15	7.16	3.56	1.03		.19	.19	.208
		10.1	154.88	9.41	43.35	.51	-2.08	7.16	3.55	.25		.13	.13	.175
		15.2	154.82	-95.24	14.46	.45	-1.45	7.16	3.54	.54		.10	.10	.187
		20.3	154.87	-167.15	-10.96	.39	-.91	7.16	3.55	.94		.07	.07	.204
504- 505	105- 1	0.0	-8.18	-9.61	51.55	1.15	-.21	3.72	-.69	-1.10		.26	.26	.084
		3.8	-8.18	-15.86	-6.05	.52	-.00	3.72	-.69	-.57		.15	.15	.061
		7.6	-8.18	-15.44	-16.06	-.08	.08	3.72	-.69	-.74		.08	.08	.069
		11.4	-8.18	-8.82	1.51	-.69	.21	3.72	-.69	-.30		.18	.18	.050
		15.2	-8.18	3.48	46.65	-1.30	.33	3.72	-.69	-1.56		.29	.29	.103
504- 506	105- 1	0.0	52.74	-59.09	174.65	3.43	-.60	-10.29	1.75	1.65		.28	.28	.150
		3.8	52.73	-76.49	39.61	2.51	-.16	-10.29	1.75	.77		.21	.21	.113
		7.6	52.73	-73.58	-53.79	1.60	.29	-10.29	1.75	.42		.15	.15	.115
		11.4	52.72	-49.46	-105.53	.68	.77	-10.29	1.75	1.04		.11	.11	.125
		15.2	52.72	-3.55	-115.63	-.24	1.26	-10.29	1.75	1.04		.13	.13	.124
505- 506	105- 1	0.0	-46.38	-82.97	94.36	1.47	-.77	2.84	-1.54	-1.13		.12	.12	.133
		3.8	-46.38	-107.42	27.70	1.47	-.30	2.84	-1.54	-.99		.11	.11	.127
		7.6	-46.38	-109.84	-38.96	1.47	.20	2.84	-1.54	-1.04		.11	.11	.129
		11.4	-46.38	-89.50	-105.62	1.47	.70	2.84	-1.54	-1.24		.12	.12	.137
		15.2	-46.38	-46.25	-172.28	1.47	1.20	2.84	-1.54	-1.60		.14	.14	.152
506- 606	JL5- 1	0.0	-580.38	859.27	18.25	3.81	-14.44	-119.97	-4.06	-.55		.25	.25	.211
		1.5	-581.11	818.41	-44.80	3.10	-13.05	-119.97	-4.07	-.39		.23	.23	.205
		3.0	-581.84	392.59	-95.26	2.42	-11.70	-119.97	-4.07	-.25		.20	.20	.199
		4.6	-582.56	191.24	-133.40	1.76	-10.37	-119.97	-4.08	-.15		.18	.18	.196
		6.1	-583.29	13.81	-159.64	1.12	-9.06	-119.97	-4.08	-.10		.17	.17	.194
506- 624	200- 1	0.0	-85.66	-156.45	-642.04	-7.52	.65	-46.18	-2.25	-3.70		.52	.52	.268
		5.1	-86.03	-110.09	-247.45	-5.68	.87	-46.18	-2.26	-1.52		.43	.43	.177
		10.1	-86.42	-50.67	48.84	-4.11	1.08	-46.18	-2.27	-.39		.35	.35	.130
		15.2	-86.80	10.24	252.58	-2.61	.84	-46.18	-2.27	-1.41		.27	.27	.173
		20.2	-86.44	50.27	367.72	-1.19	.46	-46.18	-2.27	-2.08		.20	.20	.201
510- 710	P1- 1	0.0	-152.52	-97.39	5992.98	6.40	-2.26	-295.70	-.69	-2.80		.13	.13	.152
		6.3	-157.22	-259.26	5506.31	6.40	-1.47	-295.70	-.71	-2.58		.13	.13	.143
		12.7	-161.34	-324.25	4269.87	7.34	-.78	-411.13	-.73	-2.00		.16	.16	.120
		19.0	-165.43	-356.02	3711.99	7.34	-.10	-411.13	-.75	-1.74		.16	.16	.110
		25.3	-169.51	-359.98	3154.11	7.34	.58	-411.13	-.77	-1.48		.16	.16	.100
511- 711	P1- 1	0.0	-795.79	-244.64	-1088.46	-1.03	9.71	27.91	-3.60	-.52		.09	.09	.194
		6.3	-800.49	525.30	-1010.07	-1.03	10.49	27.91	-3.62	-.53		.10	.10	.196
		12.7	-804.74	690.68	-556.35	-1.50	10.56	85.71	-3.64	-.41		.11	.11	.192
		19.0	-808.83	1506.03	-442.42	-1.50	11.06	85.71	-3.66	-.73		.12	.12	.205
		25.3	-812.92	2372.95	-328.50	-1.50	11.74	85.71	-3.67	-1.12		.13	.13	.220

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	P1- 1	0.0	538.07	537.35	-703.63	-.51	-11.40	-169.42	2.43	.41		.14	.14	.130
		6.3	533.37	-294.74	-664.97	-.51	-10.62	-169.42	2.41	.38		.14	.14	.126
		12.7	529.38	-423.84	-251.53	-.98	-9.13	-111.66	2.39	.23		.11	.11	.120
		19.0	525.29	-1092.19	-176.94	-.98	-8.45	-111.66	2.37	.52		.10	.10	.132
		25.3	521.21	-1708.71	-102.54	-.98	-7.77	-111.66	2.36	.80		.10	.10	.143
601- 621	JL6- 1	0.0	95.21	-337.72	-1966.92	-29.82	-3.00	-314.16	.67	1.25		.52	.52	.084
		1.5	94.54	-391.13	-1434.76	-28.50	-2.85	-314.16	.66	.93		.50	.50	.070
		3.0	93.91	-441.69	-926.46	-27.21	-2.71	-314.16	.66	.64		.48	.48	.058
		4.6	93.29	-490.02	-441.44	-25.95	-2.57	-314.16	.65	.41		.46	.46	.048
		6.1	92.66	-535.52	20.84	-24.72	-2.42	-314.16	.65	.34		.45	.45	.044
603- 623	JL6- 1	0.0	501.46	104.18	649.39	16.32	11.25	153.21	3.93	.41		.35	.35	.199
		1.5	500.79	300.25	321.08	17.66	10.24	153.21	3.92	.28		.33	.33	.193
		3.0	500.15	478.02	4.74	17.01	9.25	153.21	3.92	.30		.32	.32	.194
		4.6	559.51	657.45	-299.94	16.38	8.28	153.21	3.91	.44		.30	.30	.200
		6.1	558.87	780.54	-595.22	15.76	7.35	153.21	3.91	.62		.29	.29	.207
606- 626	JL6- 1	0.0	-503.20	13.01	-160.02	1.12	-10.97	-119.45	-4.08	-.10		.19	.19	.194
		1.5	-503.93	-174.63	-174.63	.49	-9.72	-119.45	-4.09	-.16		.17	.17	.190
		3.0	-504.56	-340.96	-177.87	-.13	-8.50	-119.45	-4.09	-.24		.16	.16	.200
		4.6	-505.19	-485.10	-170.01	-.75	-7.31	-119.45	-4.09	-.32		.14	.14	.203
		6.1	-505.82	-607.74	-151.34	-1.51	-6.14	-119.45	-4.10	-.39		.13	.13	.206
621- 651	JL6- 1	0.0	92.68	-535.67	23.05	-24.66	-2.17	-313.75	.65	.34		.44	.44	.044
		1.5	92.05	-573.58	456.59	-22.67	-1.99	-313.75	.64	.46		.42	.42	.049
		3.0	91.41	-608.15	858.04	-21.14	-1.80	-313.75	.64	.66		.40	.40	.057
		4.6	90.77	-639.39	1268.20	-19.44	-1.62	-313.75	.64	.87		.37	.37	.066
		6.1	90.14	-667.32	1567.87	-17.80	-1.44	-313.75	.63	1.07		.35	.35	.074
622- 703	200- 1	0.0	-84.15	176.65	-335.52	.51	.15	46.20	-1.69	-2.12		.16	.16	.174
		5.4	-84.12	156.58	-300.29	-1.57	-.75	46.20	-1.69	-1.90		.22	.22	.164
		10.9	-84.10	78.66	-132.66	-3.54	-1.62	46.20	-1.68	-.86		.33	.33	.121
		16.3	-84.08	-55.44	159.48	-5.59	-2.49	46.20	-1.68	.94		.44	.44	.124
		21.8	-84.04	-244.65	564.26	-7.15	-3.30	46.20	-1.68	3.47		.54	.54	.231
623- 653	JL6- 1	0.0	558.88	783.55	-569.14	15.27	8.21	154.68	3.91	.62		.29	.29	.207
		1.5	558.25	920.10	-859.32	14.35	6.79	154.68	3.91	.79		.27	.27	.214
		3.0	557.62	1051.26	-1113.02	13.46	5.40	154.68	3.90	.95		.25	.25	.221
		4.6	556.98	1177.46	-1350.68	12.59	4.05	154.68	3.90	1.10		.23	.23	.227
		6.1	556.35	1179.41	-1572.72	11.75	2.74	154.68	3.89	1.23		.22	.22	.232
624- 701	200- 1	0.0	-86.44	50.23	367.75	-1.17	.51	-46.06	-2.27	-2.08		.20	.20	.202
		5.5	-86.41	84.05	369.78	1.09	.06	-46.06	-2.27	-2.11		.19	.19	.203
		11.0	-86.39	57.79	226.71	3.24	-.40	-46.06	-2.27	-1.31		.30	.30	.169
		16.5	-86.38	15.97	-55.71	5.27	-.87	-46.06	-2.27	-.31		.41	.41	.127
		21.9	-86.36	-56.51	-404.71	7.21	-1.33	-46.06	-2.27	-2.82		.51	.51	.224

S I N A N M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 8

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL SIM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
625- 700	200- 1	0.0	134.87	-167.15	-11.03	.32	-.87	7.07	3.55	.94		.07	.07	.204
		5.5	134.58	-146.00	-28.46	.22	.23	7.07	3.55	1.06		.04	.04	.209
		11.0	134.29	-130.57	-40.16	.12	1.33	7.07	3.55	.80		.09	.09	.198
		16.4	134.91	-12.85	-48.94	.02	2.45	7.07	3.55	.26		.15	.15	.175
		21.9	134.92	143.14	-45.16	-.08	3.53	7.07	3.55	1.05		.21	.21	.209
626- 650	JL6- 1	0.0	-505.83	-607.74	-151.15	-1.31	-5.19	-119.70	-4.10	-.39		.11	.11	.206
		1.5	-506.46	-667.72	-119.73	-2.12	-3.58	-119.70	-4.10	-.44		.10	.10	.208
		3.0	-507.09	-738.64	-75.75	-2.91	-2.01	-119.70	-4.11	-.47		.09	.09	.210
		4.5	-507.73	-761.16	-13.62	-3.68	-.47	-119.70	-4.11	-.48		.09	.09	.210
		6.1	-508.37	-756.01	60.24	-4.42	1.03	-119.70	-4.12	-.48		.10	.10	.211
651- 701	JL6- 1	0.0	92.35	-695.08	1217.23	1.07	4.91	-725.65	.65	.88		.30	.30	.067
		1.8	91.60	-588.19	1161.68	3.54	5.14	-725.65	.64	.82		.32	.32	.064
		3.5	90.86	-476.39	1066.94	5.35	5.35	-725.65	.64	.73		.33	.33	.060
		5.3	90.12	-350.11	934.18	7.11	5.57	-725.65	.63	.63		.35	.35	.056
		7.1	89.3	-239.32	784.51	8.82	5.78	-725.65	.63	.50		.38	.38	.050
653- 703	JL6- 1	0.0	565.94	1180.57	-1494.15	-.65	-3.61	263.16	4.12	1.20		.13	.13	.241
		1.8	568.20	1047.82	-1469.65	-1.63	-5.09	263.16	4.11	1.15		.16	.16	.239
		3.5	587.45	964.11	-1425.03	-2.58	-6.52	263.16	4.11	1.08		.18	.18	.236
		5.3	586.71	810.40	-1360.29	-3.50	-7.91	263.16	4.10	.99		.20	.20	.232
		7.1	585.96	627.69	-1274.15	-4.40	-9.25	263.16	4.10	.89		.23	.23	.227
650- 700	JL6- 1	0.0	-508.37	-756.01	60.30	-4.42	1.30	-119.67	-4.12	-.48		.10	.10	.211
		1.8	-509.11	-710.20	103.28	-5.25	3.00	-119.67	-4.12	-.46		.12	.12	.210
		3.5	-509.85	-628.81	203.43	-6.07	4.64	-119.67	-4.13	-.43		.14	.14	.209
		5.3	-590.60	-512.96	421.37	-6.85	6.23	-119.67	-4.15	-.42		.17	.17	.209
		7.1	-591.34	-383.83	575.55	-7.61	7.79	-119.67	-4.14	-.43		.19	.19	.210
701- 702	157- 1	0.0	-40.33	1.52	-54.91	.94	-.21	7.47	-2.10	-1.06		.17	.17	.184
		4.7	-40.33	-2.21	-86.50	.00	-.14	7.47	-2.10	-1.53		.08	.08	.204
		9.4	-40.33	-6.25	-60.31	-.93	-.08	7.47	-2.10	-1.07		.16	.16	.185
		14.1	-40.33	-11.92	18.68	-1.87	-.05	7.47	-2.10	-.39		.26	.26	.156
		18.8	-40.33	-14.52	150.45	-2.81	-.04	7.47	-2.10	-2.67		.36	.36	.252
701- 704	157- 1	0.0	3.27	60.72	-60.91	.96	-.63	2.16	.17	1.52		.14	.14	.072
		4.7	3.28	27.94	-89.16	.04	-.53	2.16	.17	1.65		.07	.07	.077
		9.4	3.29	.83	-85.37	-.89	-.43	2.16	.17	1.15		.12	.12	.056
		14.1	3.29	-19.95	10.44	-1.81	-.31	2.16	.17	.40		.21	.21	.025
		18.8	3.30	-35.74	154.28	-2.73	-.18	2.16	.17	2.51		.30	.30	.118
701- 801	JL7- 1	0.0	-19.28	10.82	743.52	-9.40	-1.00	-169.15	-.27	-.95		.38	.38	.053
		7.1	-21.75	-45.87	1202.11	-5.58	-.47	-169.15	-.29	-1.63		.20	.20	.083
		14.2	-22.23	-84.25	1334.56	1.92	.02	-169.15	-.31	-1.70		.16	.16	.097
		21.4	-23.67	-43.02	970.67	8.85	.47	-169.15	-.33	-1.24		.30	.30	.066
		28.4	-25.10	15.70	219.40	10.91	.91	-169.15	-.36	-.28		.42	.42	.029

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 8

U.S. NAVY - ACMN PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
										KSI				
701- 806	200- 1	0.0	92.21	279.72	341.50	5.68	-3.14	4.42	2.42	2.69		.36	.36	.226
		12.5	92.32	-75.14	-232.14	2.46	-1.55	4.42	2.43	1.36		.17	.17	.170
		25.1	92.40	-190.02	-366.67	-.00	-.02	4.42	2.43	2.31		.04	.04	.210
		37.6	92.46	-83.81	-74.41	-3.22	1.41	4.42	2.43	.43		.20	.20	.139
		50.2	92.50	220.87	506.99	-5.53	2.70	4.42	2.43	3.52		.34	.34	.261
702- 703	157- 1	0.0	-44.71	-11.52	95.46	2.21	.23	-10.44	-2.32	-1.70		.32	.32	.218
		4.7	-44.71	1.46	-2.26	1.28	.22	-10.44	-2.32	-.05		.23	.23	.157
		9.4	-44.71	13.52	-48.26	.36	.20	-10.44	-2.32	-.88		.13	.13	.148
		14.1	-44.71	25.99	-42.78	-.55	.17	-10.44	-2.32	-.86		.15	.15	.187
		18.8	-44.71	32.22	13.51	-1.45	.12	-10.44	-2.32	-.62		.24	.24	.179
702- 704	107- 1	0.0	.39	14.56	-2.57	.00	-.26	-1.47	.03	.49		.07	.07	.022
		4.7	.39	1.44	-2.42	.00	-.19	-1.47	.03	.09		.06	.06	.035
		9.4	.39	-6.43	-2.47	.00	-.09	-1.47	.03	.23		.04	.04	.011
		14.1	.39	-9.05	-2.53	.00	.00	-1.47	.03	.31		.02	.02	.015
		18.8	.39	-6.35	-2.58	.00	.09	-1.47	.03	.23		.04	.04	.011
702- 705	107- 1	0.0	6.34	5.45	56.96	1.01	.00	-.34	.53	1.91		.28	.28	.105
		4.7	6.32	4.31	-11.25	.01	-.04	-.34	.53	.40		.14	.14	.042
		9.4	6.31	1.38	-34.31	.01	-.06	-.34	.53	1.15		.02	.02	.073
		14.1	6.31	-2.51	-11.90	-.00	-.07	-.34	.53	.41		.14	.14	.042
		18.8	6.32	-6.01	56.33	-1.02	-.07	-.34	.53	1.90		.28	.28	.104
703- 705	157- 1	0.0	25.72	85.25	84.16	.70	-.77	1.88	1.34	2.11		.12	.12	.151
		4.7	25.72	44.94	44.56	.70	-.66	1.88	1.34	1.12		.12	.12	.109
		9.4	25.72	11.01	4.96	.70	-.52	1.88	1.34	.22		.11	.11	.071
		14.1	25.72	-12.76	-34.64	.70	-.34	1.88	1.34	.65		.10	.10	.089
		18.8	25.72	-26.93	-74.24	.70	-.16	1.88	1.34	1.39		.09	.09	.120
703- 801	200- 1	0.0	87.72	276.55	-652.52	-7.09	-2.18	-13.78	2.31	3.97		.43	.43	.274
		12.5	87.80	15.17	138.48	-3.48	-1.31	-13.78	2.31	.78		.23	.23	.140
		25.1	87.85	-111.62	413.78	-.23	-.37	-13.78	2.31	2.40		.06	.06	.208
		37.6	87.92	-95.95	221.10	2.74	.56	-13.78	2.31	1.35		.19	.19	.164
		50.2	87.93	60.60	-396.79	5.42	1.50	-13.78	2.31	2.25		.33	.33	.202
703- 803	JL7- 1	0.0	497.09	783.21	-1091.92	1.76	6.21	-163.75	7.03	1.71		.29	.29	.397
		7.1	495.64	1095.65	-1105.74	-1.57	1.23	-163.75	7.01	1.98		.16	.16	.408
		14.2	494.16	1009.58	-869.36	-4.13	-3.17	-163.75	6.99	1.69		.25	.25	.395
		21.3	492.69	569.51	-410.32	-6.69	-7.09	-163.75	6.97	.89		.38	.38	.360
		28.4	491.21	-186.08	247.96	-8.81	-10.56	-163.75	6.95	.39		.49	.49	.338
704- 705	107- 1	0.0	-5.70	-2.50	66.46	1.07	-.09	1.62	-.56	-2.22		.31	.31	.126
		4.7	-5.70	-5.26	-4.92	.87	-.01	1.62	-.56	-.24		.17	.17	.043
		9.4	-5.70	-4.07	-51.94	.07	.05	1.62	-.56	-1.06		.04	.04	.077
		14.1	-5.70	-.23	-13.08	-.72	.08	1.62	-.56	-.44		.15	.15	.051
		18.8	-5.70	4.93	50.18	-1.52	.10	1.62	-.56	-1.69		.28	.28	.103

LOAD CONDITION NO. 8

U.S. NAVY - ALMK PLATFORMS - PLATFORM #3 + #4 - HAL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	6.29	-35.80	69.24	1.90	.01	-7.04	.43	1.37		.26	.26	.078
		4.7	6.30	-31.34	-11.94	.98	.16	-7.04	.43	.59		.17	.17	.045
		9.4	6.30	-17.89	-41.05	.05	.33	-7.04	.43	.79		.10	.10	.053
		14.1	6.31	5.65	-18.00	-.87	.52	-7.04	.43	.34		.17	.17	.034
		18.8	6.32	41.21	56.96	-1.80	.74	-7.04	.43	1.24		.26	.26	.072
705- 706	137- 1	0.0	34.95	-51.59	32.24	.51	-.14	2.35	1.82	.80		.06	.06	.118
		4.7	34.95	-34.22	14.66	.31	.04	2.35	1.82	.66		.05	.05	.112
		9.4	34.95	-26.54	-2.91	.31	.23	2.35	1.82	.47		.06	.06	.104
		14.1	34.95	-8.57	-20.49	.31	.41	2.35	1.82	.39		.07	.07	.101
		18.8	34.95	19.09	-38.07	.31	.59	2.35	1.82	.76		.09	.09	.116
706- 803	200- 1	0.0	-175.13	-292.35	113.30	.63	2.38	-5.66	-4.60	-1.75		.15	.15	.355
		12.5	-175.04	7.93	33.72	.43	1.57	-5.66	-4.60	-.19		.10	.10	.249
		25.1	-174.96	169.07	-18.96	.27	.53	-5.66	-4.60	-.95		.05	.05	.321
		37.6	-174.88	156.67	-44.79	.13	-.72	-5.66	-4.60	-.92		.05	.05	.319
		50.2	-174.80	-50.12	-58.33	-.00	-2.03	-5.66	-4.59	-.43		.12	.12	.298
706- 806	JL7- 1	0.0	-416.03	-430.17	494.77	7.74	-8.31	3.52	-5.69	-.83		.32	.32	.317
		7.1	-417.47	-908.07	-45.91	5.02	-3.03	3.52	-5.91	-1.16		.17	.17	.350
		14.2	-418.91	-965.19	-570.35	2.66	1.59	3.52	-5.93	-1.31		.09	.09	.337
		21.3	-420.39	-652.25	-507.36	.61	5.67	3.52	-5.95	-1.05		.16	.16	.328
		28.4	-421.85	-11.72	-460.81	-1.20	9.30	3.52	-5.97	-.61		.27	.27	.313
710- 810	M2- 1	0.0	-169.51	-335.45	3154.44	7.29	-1.03	-417.07	-.67	-1.32		.15	.15	.089
		7.1	-174.71	-386.48	2533.53	7.29	-.17	-417.07	-.70	-1.07		.14	.14	.079
		14.2	-179.91	-365.68	1912.62	7.29	.70	-417.07	-.72	-.81		.15	.15	.069
		21.3	-185.11	-267.04	1291.11	7.29	1.56	-417.07	-.74	-.55		.15	.15	.059
		28.4	-190.31	-97.78	670.00	7.29	2.43	-417.07	-.76	-.28		.15	.15	.049
711- 811	M2- 1	0.0	-812.90	2373.56	-325.81	-1.30	-1.14	-358.83	-3.23	-1.00		.09	.09	.195
		7.1	-818.10	2313.23	-215.21	-1.30	-.28	-358.83	-3.26	-.97		.09	.09	.195
		14.2	-823.30	2326.52	-104.80	-1.30	.59	-358.83	-3.28	-.97		.09	.09	.196
		21.3	-828.51	2413.45	5.60	-1.30	1.45	-358.83	-3.30	-1.01		.09	.09	.199
		28.4	-833.70	2574.01	116.01	-1.30	2.32	-358.83	-3.32	-1.07		.10	.10	.202
712- 812	M2- 1	0.0	521.20	-1706.71	-102.61	-.98	-3.31	-129.76	2.07	.71		.05	.05	.126
		7.1	516.00	-1955.93	-19.29	-.98	-2.45	-129.76	2.05	.81		.05	.05	.129
		14.2	510.80	-2125.44	64.02	-.98	-1.58	-129.76	2.03	.89		.04	.04	.131
		21.3	505.60	-2223.24	147.34	-.98	-.72	-129.76	2.01	.93		.04	.04	.132
		28.4	500.40	-2247.33	230.66	-.98	.15	-129.76	1.99	.94		.03	.03	.132
801- 802	140- 1	0.0	-9.64	2.20	-114.19	.51	-.22	9.37	-.45	-1.65		.12	.12	.102
		5.7	-9.64	-10.24	-125.51	-.25	-.15	9.37	-.45	-1.79		.09	.09	.108
		11.4	-9.64	-18.21	-82.19	-.97	-.09	9.37	-.45	-1.22		.16	.16	.084
		17.1	-9.64	-22.07	9.77	-1.72	-.04	9.37	-.45	-.36		.23	.23	.047
		22.8	-9.64	-24.59	152.37	-2.46	-.01	9.37	-.45	-2.23		.30	.30	.126

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
801- 804	148- 1	0.0	27.06	89.31	-113.94	.53	-.66	9.52	1.28	2.09		.15	.15	.147
		5.7	27.06	46.78	-123.32	-.25	-.58	9.52	1.28	1.91		.13	.13	.139
		11.4	27.08	10.66	-79.42	-1.03	-.48	9.52	1.28	1.16		.18	.18	.108
		17.1	27.10	-18.01	16.91	-1.79	-.36	9.52	1.28	.36		.24	.24	.074
		22.8	27.13	-36.34	104.82	-2.54	-.23	9.52	1.28	2.45		.31	.31	.162
801- 901	JL8- 1	0.0	72.00	-72.94	265.47	-5.13	-.06	-47.46	1.02	.35		.19	.19	.062
		8.1	70.36	-55.13	606.08	-1.36	.42	-47.46	1.00	.77		.07	.07	.079
		16.2	68.72	7.59	546.11	2.53	.86	-47.46	.97	.69		.11	.11	.074
		24.3	67.07	112.99	126.26	6.04	1.30	-47.46	.95	.22		.21	.21	.053
		32.4	65.42	259.35	-620.66	9.25	1.70	-47.46	.93	.86		.30	.30	.079
801- 903	200- 1	0.0	-90.38	-240.44	307.79	4.48	1.82	13.80	-2.38	-2.19		.29	.29	.247
		14.9	-90.28	13.66	-248.92	1.78	1.01	13.80	-2.37	-1.40		.15	.15	.215
		29.8	-90.23	117.66	-343.46	-.67	.15	13.80	-2.37	-2.03		.07	.07	.240
		44.7	-90.18	68.97	-28.36	-2.80	-.70	13.80	-2.37	-.42		.19	.19	.175
		59.6	-90.12	-131.00	644.20	-4.68	-1.54	13.80	-2.37	-3.68		.30	.30	.306
802- 803	148- 1	0.0	-13.72	-21.17	83.92	1.63	.24	-17.47	-.65	-1.25		.28	.28	.099
		5.7	-13.72	-3.88	-2.55	.69	.26	-17.47	-.65	-.07		.21	.21	.049
		11.4	-13.72	14.31	-38.37	.15	.27	-17.47	-.65	-.59		.16	.16	.071
		17.1	-13.72	32.53	-23.56	-.59	.26	-17.47	-.65	-.58		.19	.19	.071
		22.8	-13.72	44.09	41.90	-1.53	.25	-17.47	-.65	-.93		.25	.25	.085
802- 804	108- 1	0.0	-.28	18.06	7.55	.05	-.21	-4.11	-.02	-.65		.10	.10	.029
		5.7	-.28	5.65	4.42	.05	-.15	-4.11	-.02	-.24		.10	.10	.012
		11.4	-.28	-2.91	1.52	.05	-.10	-4.11	-.02	-.11		.09	.09	.006
		17.1	-.28	-7.22	-1.79	.05	-.03	-4.11	-.02	-.25		.08	.08	.012
		22.8	-.28	-5.69	-4.90	.05	.07	-4.11	-.02	-.25		.08	.08	.012
802- 805	108- 1	0.0	5.68	6.95	60.92	1.23	-.05	2.80	.48	2.06		.25	.25	.109
		5.7	5.67	5.78	-2.98	.64	-.05	2.80	.48	.22		.15	.15	.031
		11.4	5.66	2.62	-26.77	.05	-.05	2.80	.48	.90		.06	.06	.060
		17.1	5.65	-.54	-10.43	-.53	-.05	2.80	.47	.35		.14	.14	.057
		22.8	5.64	-3.70	46.02	-1.12	-.05	2.80	.47	1.54		.24	.24	.087
803- 805	148- 1	0.0	-27.86	124.08	43.60	.29	-.77	-.14	-1.31	-1.91		.08	.08	.174
		5.7	-27.86	75.24	24.07	.29	-.67	-.14	-1.31	-1.14		.07	.07	.142
		11.4	-27.86	33.19	4.55	.29	-.55	-.14	-1.31	-.48		.06	.06	.114
		17.1	-27.86	.17	-14.98	.29	-.41	-.14	-1.31	-.22		.05	.05	.103
		22.8	-27.86	-23.50	-34.51	.29	-.28	-.14	-1.31	-.60		.04	.04	.119
803- 903	JL8- 1	0.0	284.15	219.46	-10.76	2.73	5.25	-91.27	4.08	.28		.23	.23	.200
		8.1	284.48	553.98	-164.09	.45	1.69	-91.27	4.05	.73		.11	.11	.219
		16.2	284.78	560.41	-165.01	-1.83	-1.49	-91.27	4.03	.72		.12	.12	.217
		24.3	285.09	274.38	145.65	-3.49	-4.33	-91.27	4.00	.39		.22	.22	.202
		32.4	281.43	-274.05	564.72	-5.16	-5.92	-91.27	3.94	.80		.30	.30	.218

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 & #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906	200- 1	0.0	186.59	388.34	60.01	.23	-2.29	-10.72	4.90	2.09		.15	.15	.315
		14.9	186.64	40.16	24.25	.17	-1.38	-10.72	4.91	.26		.10	.10	.238
		29.8	186.69	-124.41	-.24	.11	-.46	-10.72	4.91	.70		.05	.05	.256
		44.7	186.76	-127.27	-15.47	.04	.42	-10.72	4.91	.72		.05	.05	.257
		59.6	186.87	22.24	-15.42	-.02	1.24	-10.72	4.91	.15		.10	.10	.234
804- 805	100- 1	0.0	-5.43	-9.45	56.09	1.20	-.03	1.16	-.46	-1.90		.22	.22	.109
		5.7	-5.43	-9.91	-6.25	.02	.02	1.16	-.46	-.39		.12	.12	.045
		11.4	-5.43	-7.46	-28.63	.03	.05	1.16	-.46	-.99		.03	.03	.070
		17.1	-5.43	-3.07	-10.07	-.58	.07	1.16	-.46	-.35		.12	.12	.043
		22.8	-5.43	2.30	50.40	-1.20	.08	1.16	-.46	-1.69		.22	.22	.100
804- 806	140- 1	0.0	30.78	-33.91	103.83	1.02	-.12	-6.22	1.45	1.58		.22	.22	.134
		5.7	30.81	-37.51	4.86	1.08	.02	-6.22	1.45	.55		.15	.15	.090
		11.4	30.82	-30.79	-45.83	.35	.18	-6.22	1.45	.78		.08	.08	.100
		17.1	30.82	-12.77	-42.73	-.58	.35	-6.22	1.45	.65		.09	.09	.094
		22.8	30.81	17.53	7.67	-1.10	.54	-6.22	1.45	.28		.16	.16	.079
805- 806	140- 1	0.0	-20.32	-23.07	61.91	.50	-.24	1.90	-.96	-.96		.07	.07	.109
		5.7	-20.32	-35.03	27.65	.50	-.11	1.90	-.96	-.65		.06	.06	.096
		11.4	-20.32	-37.63	-6.61	.50	.03	1.90	-.96	-.55		.06	.06	.092
		17.1	-20.32	-30.88	-40.87	.50	.17	1.90	-.96	-.74		.06	.06	.100
		22.8	-20.32	-14.77	-75.13	.50	.30	1.90	-.96	-1.11		.07	.07	.115
806- 901	200- 1	0.0	-103.44	-175.58	-587.82	-5.35	.81	-23.49	-2.72	-3.43		.35	.35	.322
		14.9	-103.33	-43.55	123.29	-2.63	.64	-23.49	-2.72	-.73		.21	.21	.212
		29.8	-103.26	42.79	365.82	-.12	.31	-23.49	-2.71	-2.06		.08	.08	.266
		44.7	-103.15	60.59	180.04	2.15	-.12	-23.49	-2.71	-1.06		.18	.18	.225
		59.6	-103.06	-3.42	-389.72	4.18	-.59	-23.49	-2.71	-2.18		.29	.29	.270
806- 906	JL8- 1	0.0	-317.19	-1.55	-343.80	2.37	-6.50	-290.38	-4.49	-.44		.38	.38	.237
		8.1	-319.84	-452.01	-403.19	.54	-2.83	-290.38	-4.51	-.84		.27	.27	.253
		16.2	-320.50	-565.23	-456.72	-1.05	.43	-290.38	-4.53	-.92		.22	.22	.257
		24.3	-322.16	-379.46	-264.25	-2.46	3.32	-290.38	-4.56	-.60		.30	.30	.246
		32.4	-323.81	71.35	14.39	-3.89	5.89	-290.38	-4.58	-.09		.38	.38	.229
810- 910	M2- 1	0.0	-190.51	-98.43	670.36	7.33	.51	-180.06	-.76	-.28		.10	.10	.050
		8.1	-196.25	-.04	-42.61	7.33	1.51	-180.06	-.78	-.02		.10	.10	.040
		16.2	-202.20	194.98	-755.56	7.33	2.50	-180.06	-.80	-.33		.10	.10	.054
		24.3	-208.14	486.82	-1469.55	7.33	3.49	-180.06	-.83	-.64		.10	.10	.068
		32.4	-214.08	874.69	-2181.52	7.33	4.49	-180.06	-.85	-.98		.11	.11	.084
811- 911	M2- 1	0.0	-835.59	2574.07	113.43	-1.44	-16.34	-370.01	-3.32	-1.07		.21	.21	.204
		8.1	-839.63	1051.68	255.36	-1.44	-15.35	-370.01	-3.34	-.44		.20	.20	.182
		16.2	-845.58	-414.08	343.29	-1.44	-14.36	-370.01	-3.36	-.24		.19	.19	.176
		24.3	-851.52	-1765.22	533.22	-1.44	-13.37	-370.01	-3.39	-.77		.18	.18	.196
		32.4	-857.46	-3015.72	673.15	-1.44	-12.37	-370.01	-3.41	-1.29		.18	.18	.217

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 8

U.S. NAVY - ACRR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	#2- 1	0.0	500.39	-2247.35	250.06	-.98	10.99	-726.04	1.99	.94		.24	.24	.132
		8.1	494.44	-1129.39	325.26	-.98	11.98	-726.04	1.97	.49		.25	.25	.112
		16.2	488.50	-5.09	420.51	-.98	12.97	-726.04	1.94	.18		.25	.25	.098
		24.3	482.56	1396.11	515.74	-.98	13.97	-726.04	1.92	.62		.26	.26	.115
		32.4	476.61	2803.67	610.96	-.98	14.96	-726.04	1.90	1.20		.27	.27	.138
901- 902	104- 1	0.0	33.94	-28.55	-143.66	.48	.05	9.60	1.39	1.60		.09	.09	.132
		6.9	33.94	-23.93	-155.10	-.20	.06	9.60	1.39	1.72		.07	.07	.137
		13.7	33.94	-18.47	-110.16	-.89	.07	9.60	1.39	1.22		.13	.13	.116
		20.6	33.94	-13.57	-8.43	-1.57	.05	9.60	1.39	.18		.18	.18	.072
		27.4	33.94	-10.64	148.89	-2.26	.02	9.60	1.39	1.63		.24	.24	.133
901- 904	104- 1	0.0	28.08	59.31	-152.50	.30	-.30	4.09	1.15	1.79		.06	.06	.129
		6.9	28.10	35.04	-150.68	-.55	-.27	4.09	1.15	1.69		.06	.06	.125
		13.7	28.12	14.02	-95.70	-.99	-.24	4.09	1.15	1.06		.11	.11	.098
		20.6	28.14	-4.34	12.41	-1.64	-.22	4.09	1.16	.14		.16	.16	.060
		27.4	28.17	-21.05	175.67	-2.28	-.19	4.09	1.16	1.91		.21	.21	.134
901-1001	JL4- 1	0.0	7.21	312.87	-571.06	-6.67	-1.40	.53	.10	.83		.19	.19	.040
		8.1	5.55	193.84	-66.99	-3.73	-1.05	.33	.08	.26		.11	.11	.015
		16.2	3.89	106.20	163.36	-1.05	-.75	.53	.05	.25		.04	.04	.013
		24.3	2.22	49.79	140.71	1.47	-.41	.33	.03	.19		.04	.04	.009
		32.4	.55	24.44	-114.25	3.73	-.12	.33	.01	.15		.11	.11	.007
901-1002	160- 1	0.0	-68.26	-132.05	46.75	1.64	1.39	26.84	-3.21	-1.20		.28	.28	.237
		10.6	-68.14	2.26	-116.66	.75	.73	26.84	-3.21	-1.00		.19	.19	.229
		21.1	-68.01	52.62	-147.53	-.25	.07	26.84	-3.20	-1.34		.13	.13	.242
		31.7	-67.87	19.79	-55.79	-1.18	-.56	26.84	-3.20	-.51		.21	.21	.209
		42.2	-67.69	-42.67	148.96	-2.04	-1.18	26.84	-3.19	-1.50		.29	.29	.248
901-1004	160- 1	0.0	68.02	62.32	62.36	1.91	-.89	27.05	3.20	.75		.27	.27	.180
		10.6	68.18	-17.69	-107.93	.00	-.36	27.05	3.21	.93		.18	.18	.188
		21.1	68.35	-34.85	-144.29	-.21	.09	27.05	3.21	1.27		.13	.13	.202
		31.7	68.51	2.99	-59.99	-1.11	.49	27.05	3.22	.51		.20	.20	.171
		42.2	68.73	85.58	151.74	-1.90	.80	27.05	3.23	1.34		.27	.27	.206
902- 903	104- 1	0.0	30.32	-7.18	72.62	1.29	.26	-10.24	1.25	.80		.20	.20	.091
		6.9	30.32	12.53	-5.92	.62	.22	-10.24	1.25	.15		.14	.14	.064
		13.7	30.32	26.85	-29.49	-.04	.18	-10.24	1.25	.45		.10	.10	.077
		20.6	30.32	41.78	.51	-.68	.14	-10.24	1.25	.46		.15	.15	.077
		27.4	30.32	51.54	62.67	-1.31	.10	-10.24	1.25	1.06		.20	.20	.102
902- 904	104- 1	0.0	-.38	18.62	11.89	.06	-.21	-3.62	-.03	-.74		.10	.10	.033
		6.9	-.38	3.61	7.29	.06	-.15	-3.62	-.03	-.28		.09	.09	.014
		13.7	-.38	-5.37	2.70	.06	-.06	-3.62	-.03	-.20		.08	.08	.011
		20.6	-.38	-8.91	-1.89	.06	-.01	-3.62	-.03	-.30		.07	.07	.015
		27.4	-.38	-6.61	-5.48	.06	.06	-3.62	-.03	-.31		.08	.08	.015

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
902- 905	109- 1	0.0	5.03	8.04	64.39	1.00	-.03	1.71	.42	2.17		.20	.20	.111
		6.9	5.00	5.74	1.06	.54	-.03	1.71	.42	.20		.12	.12	.028
		13.7	4.97	3.45	-24.52	.08	-.05	1.71	.42	-.83		.04	.04	.054
		20.6	4.95	1.16	-12.36	-.38	-.03	1.71	.42	.42		.09	.09	.037
		27.4	4.92	-1.14	37.54	-.64	-.03	1.71	.41	1.26		.17	.17	.072
903- 905	169- 1	0.0	-69.75	111.51	1.07	.03	-.45	3.30	-2.86	-1.22		.05	.05	.266
		6.9	-69.75	77.45	-1.12	.03	-.40	3.30	-2.86	-.85		.05	.05	.249
		13.7	-69.75	45.65	-3.31	.03	-.37	3.30	-2.86	-.50		.05	.05	.234
		20.6	-69.75	16.10	-5.49	.03	-.35	3.30	-2.86	-.19		.05	.05	.221
		27.4	-69.75	-11.19	-7.68	.03	-.32	3.30	-2.86	-.15		.04	.04	.219
903-1002	180- 1	0.0	86.28	52.57	-234.06	-2.54	-.50	13.50	3.14	2.05		.25	.25	.232
		10.6	86.43	7.44	11.60	-1.34	-.22	13.50	3.14	.12		.16	.16	.151
		21.1	86.63	-5.60	104.17	-.15	.01	13.50	3.15	.91		.07	.07	.184
		31.7	86.83	11.40	55.82	.94	.25	13.50	3.16	.49		.13	.13	.167
		42.2	87.00	56.31	-129.19	1.96	.45	13.50	3.16	1.20		.20	.20	.197
903-1003	JL9- 1	0.0	43.73	-115.05	724.74	4.87	4.06	-284.57	.62	.93		.36	.36	.068
		8.1	42.08	164.36	327.66	3.50	1.68	-284.57	.60	.47		.29	.29	.047
		16.2	40.41	219.98	78.59	1.83	-.51	-284.57	.57	.30		.23	.23	.039
		24.3	38.76	68.25	-30.70	.43	-2.58	-284.57	.55	.10		.25	.25	.029
		32.4	37.08	-276.46	-8.35	-.87	-4.47	-284.57	.52	.35		.31	.31	.039
903-1005	180- 1	0.0	172.70	171.61	35.18	.25	-1.46	-2.77	6.28	1.50		.12	.12	.354
		10.6	172.86	29.42	8.01	.18	-.79	-2.77	6.29	.26		.07	.07	.302
		21.1	173.01	-28.23	-10.10	.10	-.13	-2.77	6.29	.26		.02	.02	.302
		31.7	173.12	-5.01	-16.59	-.00	.48	-2.77	6.30	.15		.05	.05	.298
		42.2	173.27	90.56	-8.88	-.12	1.03	-2.77	6.30	.78		.09	.09	.325
904- 905	109- 1	0.0	-4.56	-7.94	55.72	.99	-.05	2.45	-.38	-1.88		.21	.21	.106
		6.9	-4.56	-9.55	-6.07	.51	.01	2.45	-.38	-.38		.13	.13	.043
		13.7	-4.56	-6.94	-28.38	.03	.05	2.45	-.38	-.98		.05	.05	.068
		20.6	-4.56	-1.50	-11.21	-.45	.08	2.45	-.38	-.38		.12	.12	.043
		27.4	-4.56	5.54	45.42	-.93	.09	2.45	-.38	-1.53		.20	.20	.091
904- 906	169- 1	0.0	31.16	-19.30	111.47	1.53	-.06	-11.81	1.28	1.24		.19	.19	.111
		6.9	31.18	-24.41	12.32	.88	-.04	-11.81	1.28	.30		.14	.14	.072
		13.7	31.18	-25.85	-34.36	.25	.01	-11.81	1.28	.47		.09	.09	.079
		20.6	31.18	-22.21	-29.27	-.37	.06	-11.81	1.28	.40		.10	.10	.076
		27.4	31.13	-12.09	26.88	-.99	.17	-11.81	1.28	.32		.15	.15	.073
905- 906	169- 1	0.0	-63.49	-10.83	75.28	.40	-.26	-.72	-2.61	-.83		.04	.04	.225
		6.9	-63.49	-31.19	42.41	.40	-.25	-.72	-2.61	-.57		.04	.04	.216
		13.7	-63.49	-49.10	9.54	.40	-.21	-.72	-2.61	-.55		.04	.04	.217
		20.6	-63.49	-64.65	-23.53	.40	-.16	-.72	-2.61	-.75		.04	.04	.225
		27.4	-63.49	-76.35	-55.20	.40	-.15	-.72	-2.61	-1.05		.04	.04	.237

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
905-1004	180- 1	0.0	-91.00	-108.30	-178.07	-2.20	.98	15.08	-3.31	-1.78		.24	.24	.266
		10.6	-90.82	-11.63	24.77	-1.05	.54	15.08	-3.30	-.25		.15	.15	.205
		21.1	-90.66	27.23	90.83	.02	.07	15.08	-3.30	-.81		.07	.07	.227
		31.7	-90.50	7.69	25.92	.99	-.38	15.08	-3.29	-.23		.14	.14	.204
		42.2	-90.36	-70.85	-156.19	1.68	-.86	15.08	-3.29	-1.47		.21	.21	.253
906-1005	180- 1	0.0	-175.82	-135.94	19.78	.15	1.46	9.05	-6.40	-1.17		.15	.15	.430
		10.6	-175.65	.95	5.04	.08	.70	9.05	-6.39	-.04		.09	.09	.380
		21.1	-175.47	40.74	-.35	.01	-.07	9.05	-6.38	-.35		.04	.04	.393
		31.7	-175.30	-16.55	3.61	-.07	-.84	9.05	-6.38	-.14		.10	.10	.384
		42.2	-175.12	-170.89	16.91	-.14	-1.80	9.05	-6.37	-1.47		.16	.16	.442
906-1006	JL9- 1	0.0	-29.78	-287.51	-117.59	1.64	-2.51	-245.20	-.42	-.39		.24	.24	.037
		8.1	-31.45	-418.15	-224.19	.57	-.22	-245.20	-.44	-.60		.17	.17	.047
		16.2	-33.14	-537.41	-232.12	-.38	1.43	-245.20	-.47	-.52		.21	.21	.045
		24.3	-34.82	-69.33	-153.26	-1.22	3.63	-245.20	-.49	-.21		.26	.26	.033
		32.4	-36.47	361.72	.53	-1.92	5.18	-245.20	-.52	-.46		.31	.31	.045
1010- 910	#3- 1	0.0	-242.04	-206.60	5017.70	7.28	.44	-167.93	-.82	-1.81		.08	.08	.117
		8.1	-235.05	-107.10	4308.86	7.28	1.61	-167.93	-.80	-1.55		.08	.08	.105
		16.2	-228.06	106.08	3600.03	7.28	2.77	-167.93	-.77	-1.30		.08	.08	.093
		24.3	-221.07	432.72	2891.20	7.28	3.94	-167.93	-.75	-1.05		.09	.09	.082
		32.4	-214.07	872.85	2182.36	7.28	5.10	-167.93	-.72	-.85		.09	.09	.072
1011- 911	#3- 1	0.0	-865.48	15696.72	-1205.19	-1.38	-50.40	-917.56	-2.99	-5.68		.51	.51	.388
		8.1	-878.49	10849.79	-1071.33	-1.38	-49.24	-917.56	-2.97	-3.93		.50	.50	.313
		16.2	-891.50	6114.35	-937.47	-1.38	-48.07	-917.56	-2.95	-2.23		.49	.49	.241
		24.3	-904.50	1492.35	-803.61	-1.38	-46.91	-917.56	-2.92	-.61		.48	.48	.171
		32.4	-917.51	-3016.16	-669.75	-1.38	-45.74	-917.56	-2.90	-1.11		.48	.48	.191
1012- 912	#3- 1	0.0	448.72	-16151.55	-991.70	-.98	46.36	-879.76	1.52	5.84		.47	.47	.316
		8.1	455.71	-11583.09	-896.47	-.98	47.52	-879.76	1.54	4.19		.48	.48	.248
		16.2	462.70	-6901.06	-801.25	-.98	48.69	-879.76	1.57	2.51		.49	.49	.178
		24.3	469.70	-2105.48	-706.02	-.98	49.86	-879.76	1.59	.80		.50	.50	.107
		32.4	476.69	2803.67	-610.79	-.98	51.02	-879.76	1.61	1.03		.50	.50	.118
1001-1002	200- 1	0.0	-4.19	-91.10	-347.49	-.13	.58	-44.53	-.11	-2.01		.16	.16	.092
		8.0	-4.19	-39.39	-303.66	-.78	.50	-44.53	-.11	-1.71		.17	.17	.080
		16.0	-4.19	4.62	-196.30	-1.45	.42	-44.53	-.11	-1.10		.20	.20	.054
		24.0	-4.19	40.93	-23.50	-2.14	.34	-44.53	-.11	-.26		.24	.24	.019
		32.0	-4.19	69.54	216.67	-2.86	.26	-44.53	-.11	-1.27		.28	.28	.061
1001-1004	200- 1	0.0	2.67	71.56	-357.00	-.21	-.16	-52.08	.07	2.04		.16	.16	.089
		8.0	2.67	52.29	-305.59	-.03	-.24	-52.08	.07	1.73		.19	.19	.076
		16.0	2.67	25.32	-191.70	-1.51	-.32	-52.08	.07	1.08		.23	.23	.049
		24.0	2.67	-9.55	-15.93	-2.15	-.40	-52.08	.07	.10		.26	.26	.008
		32.0	2.66	-51.72	221.92	-2.80	-.48	-52.08	.07	1.28		.29	.29	.057

LOAD CONDITION NO. 8

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	-124.42	-66.83	77.62	1.07	.67	39.89	-3.27	-.57		.18	.18	.253
		8.0	-124.42	-6.57	9.57	.35	.59	39.89	-3.27	-.06		.15	.15	.232
		16.0	-124.42	45.99	8.89	-.34	.51	39.89	-3.27	-.26		.14	.14	.241
		24.0	-124.42	90.85	73.65	-1.01	.43	39.89	-3.27	-.65		.17	.17	.257
		32.0	-124.42	128.01	201.93	-1.66	.35	39.89	-3.27	-1.34		.20	.20	.282
1002-1004	140- 1	0.0	.37	87.50	36.70	.19	-.30	-13.07	.02	1.78		.17	.17	.076
		8.0	.37	52.91	18.59	.19	-.42	-13.07	.02	1.05		.18	.18	.045
		16.0	.37	7.54	.49	.19	-.53	-13.07	.02	.14		.19	.19	.007
		24.0	.37	-48.82	-17.61	.19	-.64	-13.07	.02	.97		.21	.21	.042
		32.0	.37	-115.56	-35.72	.19	-.75	-13.07	.02	2.27		.22	.22	.097
1002-1005	140- 1	0.0	9.37	80.11	84.66	1.05	-.06	6.38	.58	1.95		.19	.19	.109
		8.0	9.37	48.67	6.66	.58	-.18	6.38	.58	.92		.14	.14	.066
		16.0	9.38	20.45	-25.46	.11	-.29	6.38	.58	.70		.10	.10	.057
		24.0	9.39	-6.55	-14.70	-.36	-.40	6.38	.58	.30		.13	.13	.040
		32.0	9.40	-50.33	41.96	-.82	-.51	6.38	.59	1.23		.18	.18	.079
1003-1005	200- 1	0.0	-119.46	256.82	-26.89	.05	-.94	-.45	-3.14	-1.45		.05	.05	.283
		8.0	-119.46	165.09	-31.39	.05	-1.02	-.45	-3.14	-.93		.05	.05	.261
		16.0	-119.46	81.65	-35.90	.05	-1.10	-.45	-3.14	-.40		.06	.06	.237
		24.0	-119.46	-47.49	-40.41	.05	-1.18	-.45	-3.14	-.35		.06	.06	.235
		32.0	-119.46	-164.53	-44.91	.05	-1.26	-.45	-3.14	-.95		.07	.07	.261
1004-1005	140- 1	0.0	-9.27	-65.28	84.59	1.07	.43	9.76	-.58	-2.01		.23	.23	.118
		8.0	-9.27	-29.28	5.29	.58	.32	9.76	-.58	-.56		.17	.17	.057
		16.0	-9.27	6.06	-27.82	.10	.21	9.76	-.58	-.53		.12	.12	.056
		24.0	-9.27	10.58	-14.75	-.38	.09	9.76	-.58	-.34		.14	.14	.048
		32.0	-9.27	14.05	44.55	-.86	-.02	9.76	-.58	-.88		.20	.20	.071
1004-1006	200- 1	0.0	126.11	80.85	53.74	.83	-.47	6.29	3.32	.54		.07	.07	.176
		8.0	126.11	31.85	4.47	.20	-.55	6.29	3.31	.18		.05	.05	.161
		16.0	126.09	-24.82	14.45	-.41	-.63	6.29	3.31	.16		.06	.06	.160
		24.0	126.07	-89.20	61.45	-.98	-.71	6.29	3.31	.66		.08	.08	.182
		32.0	126.04	-161.28	202.84	-1.53	-.79	6.29	3.31	1.45		.11	.11	.214
1005-1006	200- 1	0.0	119.57	78.66	42.07	.02	-.75	9.95	3.14	.50		.07	.07	.167
		8.0	119.57	2.66	40.17	.02	-.83	9.95	3.14	.23		.07	.07	.155
		16.0	119.57	-80.64	38.26	.02	-.91	9.95	3.14	.50		.08	.08	.167
		24.0	119.57	-171.85	36.36	.02	-.99	9.95	3.14	.98		.08	.08	.187
		32.0	119.57	-270.75	34.46	.02	-1.07	9.95	3.14	1.53		.08	.08	.210

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
101- 102 W16- 1		0.0	-4.42	402.82	-5.73	-.05	-7.05	.01	-.27	4.52	-.53	.01	1.09	.230
		3.6	-4.42	133.82	-3.57	-.05	-5.33	.01	-.27	1.50	-.33	.01	.83	.094
		7.3	-4.42	-60.08	-1.42	-.05	-3.61	.01	-.27	-.68	-.13	.01	.56	.050
		10.9	-4.42	-180.08	.74	-.05	-1.88	.01	-.27	-2.02	.07	.01	.29	.104
		14.5	-4.42	-224.57	2.90	-.05	-.16	.01	-.27	-2.52	.27	.01	.03	.134
101- 104 W16- 1		0.0	-4.24	401.18	-5.72	-.05	-7.05	-.01	-.26	4.50	-.53	.01	1.09	.229
		3.6	-4.24	132.03	-3.68	-.05	-5.33	-.01	-.26	1.48	-.34	.01	.83	.093
		7.2	-4.24	-42.29	-1.64	-.05	-3.61	-.01	-.26	-.70	-.15	.01	.56	.051
		10.9	-4.24	-181.77	.40	-.05	-1.89	-.01	-.26	-2.04	.04	.01	.29	.102
		14.5	-4.24	-226.41	2.44	-.05	-.17	-.01	-.26	-2.54	.23	.01	.03	.132
101- 201 DKL- 1		0.0	-19.10	-347.36	603.51	6.58	3.60	-11.45	-.21	-1.09		.17	.17	.056
		3.4	-20.26	-185.49	307.57	6.58	3.60	-11.45	-.22	-.56		.17	.17	.034
		7.5	-21.43	-23.60	11.62	6.58	3.60	-11.45	-.24	-.04		.17	.17	.013
		11.3	-22.59	138.29	-284.33	6.58	3.60	-11.45	-.25	-.49		.17	.17	.033
		15.0	-23.75	300.18	-560.27	6.58	3.60	-11.45	-.26	-1.02		.17	.17	.056
102- 103 W16- 1		0.0	-4.42	-224.38	3.33	.06	.19	-.02	-.27	-2.52	.31	.01	.03	.136
		3.6	-4.42	-178.81	.65	.06	1.91	-.02	-.27	-2.01	.06	.01	.30	.103
		7.3	-4.42	-56.33	-2.03	.06	3.63	-.02	-.27	-.65	-.19	.01	.56	.052
		10.9	-4.42	137.05	-4.71	.06	5.55	-.02	-.27	1.54	-.44	.01	.83	.100
		14.5	-4.42	407.52	-7.39	.06	7.07	-.02	-.27	4.57	-.69	.01	1.10	.240
102- 104 W06- 1		0.0	.05	.21	.08	.00	-.17	.00	.01	.01	.01	.00	.09	.001
		3.6	.05	-5.49	-.01	.00	-.09	.00	.01	-.26	-.00	.00	.05	.012
		7.2	.05	-7.40	-.10	.00	-.00	.00	.01	-.36	-.02	.00	.00	.016
		10.9	.05	-5.54	-.19	.00	.09	.00	.01	-.27	-.03	.00	.04	.013
		14.5	.05	.11	-.26	.00	.17	.00	.01	.01	-.05	.00	.09	.003
102- 105 W06- 1		0.0	.08	-.18	-.51	-.01	-.17	.00	.01	-.01	-.09	.00	.09	.005
		3.6	.08	-5.66	-.16	-.01	-.09	.00	.01	-.28	-.03	.00	.04	.014
		7.2	.08	-7.78	.18	-.01	-.00	.00	.01	-.37	-.03	.00	.00	.018
		10.9	.08	-5.68	.53	-.01	.09	.00	.01	-.28	.09	.00	.04	.017
		14.5	.08	-.22	.87	-.01	.17	.00	.01	-.01	.16	.00	.09	.008
103- 105 W16- 1		0.0	-6.30	405.18	7.14	.05	-7.05	.02	-.39	4.55	.67	.01	1.09	.244
		3.6	-6.30	136.14	4.79	.05	-5.33	.02	-.39	1.53	.45	.01	.83	.107
		7.2	-6.30	-56.07	2.43	.05	-3.61	.02	-.39	-.65	.23	.01	.56	.060
		10.9	-6.30	-177.44	.06	.05	-1.88	.02	-.39	-1.99	.01	.01	.29	.106
		14.5	-6.30	-221.97	-2.27	.05	-.16	.02	-.39	-2.49	-.21	.01	.03	.136
103- 203 DKL- 1		0.0	-19.12	-350.86	-610.02	-7.02	5.37	14.53	-.21	-1.10		.22	.22	.056
		3.8	-20.28	-109.35	-266.97	-7.02	5.37	14.53	-.22	-.45		.22	.22	.030
		7.5	-21.45	132.15	76.07	-7.02	5.37	14.53	-.24	-.24		.22	.22	.021
		11.3	-22.61	373.67	419.11	-7.02	5.37	14.53	-.25	-.88		.22	.22	.049
		15.0	-23.77	615.18	762.16	-7.02	5.37	14.53	-.26	-1.53		.22	.22	.077

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACNH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
104- 105 W08- 1		0.0	-.13	-.17	-.10	-.00	-.17	-.00	-.02	-.01	-.02	.00	.09	.003
		3.6	-.13	-5.76	.09	-.00	-.09	-.00	-.02	-.28	.02	.00	.04	.014
		7.3	-.13	-7.57	.28	-.00	.00	-.00	-.02	-.36	.05	.00	.00	.019
		10.9	-.13	-5.59	.47	-.00	.09	-.00	-.02	-.27	.08	.00	.05	.017
		14.5	-.13	.17	.66	-.00	.18	-.00	-.02	.01	.12	.00	.09	.007
104- 106 W18- 1		0.0	-4.15	-226.27	2.26	.03	.18	.02	-.26	-2.54	.21	.00	.03	.131
		3.6	-4.15	-181.02	.92	.03	1.90	.02	-.26	-2.03	.09	.00	.30	.104
		7.3	-4.15	-60.65	-.41	.03	3.62	.02	-.26	-.68	-.04	.00	.56	.045
		10.9	-4.15	134.25	-1.75	.03	5.35	.02	-.26	1.51	-.16	.00	.83	.085
		14.5	-4.15	410.41	-3.08	.03	12.07	.02	-.26	4.61	-.29	.00	1.87	.221
105- 106 W18- 1		0.0	-6.18	-222.17	-.73	.00	.19	-.01	-.38	-2.49	-.07	.00	.03	.129
		3.6	-6.18	-176.65	-.48	.00	1.91	-.01	-.38	-1.98	-.08	.00	.30	.109
		7.3	-6.18	-56.17	-1.04	.00	3.63	-.01	-.38	-.63	-.10	.00	.56	.052
		10.9	-6.18	139.22	-1.19	.00	5.35	-.01	-.38	1.56	-.11	.00	.83	.092
		14.5	-6.18	409.55	-1.35	.00	7.07	-.01	-.38	4.60	-.13	.00	1.10	.221
106- 206 DKL- 1		0.0	-20.09	756.67	-31.80	.89	-9.11	2.44	-.22	-1.18		.20	.20	.060
		3.8	-21.25	346.65	-72.05	.89	-9.11	2.44	-.23	-.55		.20	.20	.035
		7.5	-22.41	-63.36	-112.29	.89	-9.11	2.44	-.25	-.20		.20	.20	.020
		11.3	-23.58	-473.37	-152.54	.89	-9.11	2.44	-.26	-.78		.20	.20	.045
		15.0	-24.74	-883.39	-192.79	.89	-9.11	2.44	-.27	-1.41		.20	.20	.073
201- 202 W18- 1		0.0	1.95	586.04	-6.36	-.06	-10.14	.05	.12	6.60	-.59	.01	1.58	.311
		3.6	1.95	200.80	-3.91	-.06	-7.66	.05	.12	2.25	-.36	.01	1.19	.117
		7.3	1.95	-76.41	-1.46	-.06	-5.18	.05	.12	-.88	-.14	.01	.81	.049
		10.9	1.95	-249.62	.99	-.06	-2.69	.05	.12	-2.80	.09	.01	.42	.128
		14.5	1.95	-312.80	3.44	-.06	-.21	.05	.12	-3.51	.32	.01	.03	.168
201- 204 W18- 1		0.0	3.24	582.21	-5.64	-.05	-10.10	-.06	.20	6.53	-.53	.01	1.57	.309
		3.6	3.24	197.10	-3.67	-.05	-7.62	-.06	.20	2.21	-.34	.01	1.18	.118
		7.2	3.24	-80.09	-1.70	-.05	-5.13	-.06	.20	-.90	-.16	.01	.80	.055
		10.9	3.24	-249.37	.28	-.05	-2.65	-.06	.20	-2.80	.02	.01	.41	.128
		14.5	3.24	-310.72	2.23	-.05	-.17	-.06	.20	-3.49	.21	.01	.03	.166
201- 301 DKL- 1		0.0	-52.04	-256.18	372.74	1.51	.92	-47.28	-.57	-.71		.08	.08	.057
		3.8	-53.20	-214.67	304.65	1.51	.92	-47.28	-.58	-.58		.08	.08	.053
		7.5	-54.37	-173.55	236.55	1.51	.92	-47.28	-.60	-.46		.08	.08	.048
		11.3	-55.53	-132.24	168.46	1.51	.92	-47.28	-.61	-.34		.08	.08	.043
		15.0	-56.69	-90.92	100.36	1.51	.92	-47.28	-.62	-.21		.08	.08	.039
201- 303 12D- 1		0.0	2.36	50.05	-5.78	.06	-.89	.83	.12	.89		.10	.10	.043
		8.2	2.12	-13.97	-11.59	.06	-.42	.83	.11	.32		.05	.05	.018
		16.3	1.87	-51.00	-17.40	.06	.05	.83	.10	.64		.02	.02	.031
		24.5	1.63	-5.50	-22.80	.06	.52	.83	.08	.40		.06	.06	.021
		32.6	1.39	75.05	-23.21	.06	1.00	.83	.07	1.34		.11	.11	.060

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MKL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
202- 203 W10- 1		0.0	1.94	-324.12	3.90	.07	.20	-.05	.12	-3.64	.36	.01	.03	.176
		3.6	1.94	-261.23	.89	.07	2.69	-.05	.12	-2.93	.08	.01	.42	.133
		7.3	1.94	-90.32	-2.13	.07	5.17	-.05	.12	-1.01	-.20	.01	.80	.057
		10.9	1.94	100.60	-5.14	.07	7.65	-.05	.12	2.12	-.48	.01	1.19	.117
		14.5	1.94	575.55	-8.15	.07	10.14	-.05	.12	6.46	-.76	.01	1.57	.313
202- 204 W06- 1		0.0	.05	-11.23	.06	.00	-.17	.00	.01	-.54	.02	.00	.09	.024
		3.6	.05	-10.93	-.01	.00	-.09	.00	.01	-.81	-.00	.00	.05	.035
		7.2	.05	-10.84	-.11	.00	-.00	.00	.01	-.91	-.02	.00	.00	.039
		10.9	.05	-10.98	-.21	.00	.09	.00	.01	-.82	-.04	.00	.04	.036
		14.5	.05	-11.55	-.30	.00	.17	.00	.01	-.54	-.05	.00	.09	.026
202- 205 W06- 1		0.0	.08	11.56	-.54	-.01	-.24	-.02	.01	.55	-.10	.00	.13	.029
		3.6	.08	2.79	-.18	-.01	-.15	-.02	.01	.13	-.03	.00	.08	.008
		7.2	.08	-2.00	.19	-.01	-.07	-.02	.01	-.10	.03	.01	.04	.007
		10.9	.08	-3.01	.56	-.01	.02	-.02	.01	-.14	.10	.01	.02	.012
		14.5	.08	-.24	.93	-.01	.11	-.02	.01	-.01	.17	.01	.06	.009
203- 205 W10- 1		0.0	.97	1290.51	7.17	.05	-22.61	-.07	.06	14.48	.67	.01	3.51	.648
		3.6	.97	429.99	4.86	.05	-16.97	-.07	.06	4.83	.45	.01	2.64	.227
		7.2	.97	-185.54	2.56	.05	-11.34	-.07	.06	-2.08	.24	.01	1.76	.102
		10.9	.97	-556.08	.25	.05	-5.70	-.07	.06	-6.24	.02	.01	.89	.267
		14.5	.97	-881.64	-2.06	.05	-.07	-.07	.06	-7.65	-.19	.01	.01	.334
203- 303 DBL- 1		0.0	-66.45	-556.05	-494.64	-3.02	.33	57.47	-.73	-1.14		.11	.11	.083
		3.8	-67.61	-521.29	-358.65	-3.02	.33	57.47	-.74	-.99		.11	.11	.077
		7.5	-68.77	-506.54	-222.66	-3.02	.33	57.47	-.75	-.87		.11	.11	.073
		11.3	-69.94	-491.79	-86.68	-3.02	.33	57.47	-.77	-.78		.11	.11	.070
		15.0	-71.10	-477.04	49.31	-3.02	.33	57.47	-.78	-.75		.11	.11	.069
203- 306 120- 1		0.0	5.72	47.07	31.03	.13	-.90	-.13	.30	.99		.10	.10	.056
		8.2	5.48	-18.36	18.72	.13	-.45	-.13	.28	.46		.05	.05	.033
		16.3	5.23	-57.65	6.41	.13	.04	-.13	.27	.67		.01	.01	.041
		24.5	4.99	-10.76	-5.89	.13	.51	-.13	.26	.22		.06	.06	.021
		32.6	4.74	62.26	-18.20	.13	.98	-.13	.25	1.14		.10	.10	.060
204- 205 W06- 1		0.0	-.13	11.54	-.10	-.00	-.24	.02	-.02	.54	-.02	.00	.12	.026
		3.6	-.13	2.78	.10	-.00	-.15	.02	-.02	.13	.02	.00	.08	.009
		7.3	-.13	-2.00	.30	-.00	-.07	.02	-.02	-.10	.05	.01	.04	.009
		10.9	-.13	-2.99	.50	-.00	.02	.02	-.02	-.14	.09	.01	.02	.012
		14.5	-.13	-.20	.71	-.00	.11	.02	-.02	-.01	.13	.01	.06	.008
204- 206 W10- 1		0.0	3.33	-522.05	2.02	.03	.24	.05	.21	-3.61	.19	.00	.04	.171
		3.6	3.33	-257.45	.20	.03	2.73	.05	.21	-2.89	.07	.00	.42	.135
		7.3	3.33	-44.78	-.42	.03	5.21	.05	.21	-.95	-.04	.00	.81	.051
		10.9	3.33	195.93	-1.04	.03	7.69	.05	.21	2.20	-.15	.00	1.20	.109
		14.5	3.33	592.64	-2.46	.03	10.18	.05	.21	6.65	-.27	.00	2.59	.302

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
205- 206 #16- 1		0.0	1.09	-681.66	-.42	.01	.14	.06	.07	-7.65	-.04	.00	.02	.327
		3.6	1.09	-552.75	-.76	.01	5.78	.06	.07	-6.20	-.07	.00	.90	.268
		7.3	1.09	-178.55	-1.09	.01	11.42	.06	.07	-2.00	-.10	.00	1.77	.092
		10.9	1.09	440.93	-1.43	.01	17.06	.06	.07	4.95	-.13	.00	2.65	.218
		14.5	1.09	1305.69	-1.77	.01	22.70	.06	.07	14.65	-.17	.00	3.52	.627
206- 301 120- 1		0.0	-5.16	46.55	-7.92	-.08	-.86	-5.98	-.27	-.83		.14	.14	.052
		8.2	-5.41	-14.94	-.53	-.08	-.39	-5.98	-.28	-.26		.09	.09	.028
		16.3	-5.65	-30.30	6.86	-.08	.08	-5.98	-.29	-.55		.06	.06	.041
		24.5	-5.89	.50	14.24	-.08	.55	-5.98	-.31	-.25		.11	.11	.030
		32.6	-6.14	77.44	21.63	-.08	1.02	-5.98	-.32	-1.42		.16	.16	.079
206- 306 ORL- 1		0.0	-62.51	796.57	132.74	-.51	-9.57	2.78	-.69	-1.26		.21	.21	.086
		3.8	-63.67	365.99	155.76	-.51	-9.57	2.78	-.70	-.62		.21	.21	.060
		7.5	-64.83	-64.59	178.78	-.51	-9.57	2.78	-.71	-.30		.21	.21	.047
		11.3	-65.99	-495.17	201.80	-.51	-9.57	2.78	-.72	-.84		.21	.21	.070
		15.0	-67.16	-925.75	224.83	-.51	-9.57	2.78	-.74	-1.49		.21	.21	.098
301- 305 123- 1		0.0	.07	62.45	-13.87	.03	-.97	-3.49	.00	1.13		.13	.13	.048
		7.3	.07	-1.25	-16.28	.03	-.50	-3.49	.00	.29		.08	.08	.012
		14.5	.07	-23.95	-18.69	.03	-.03	-3.49	.00	.54		.03	.03	.023
		21.7	.07	-5.65	-21.09	.03	.45	-3.49	.00	.38		.08	.08	.016
		29.0	.07	53.65	-23.50	.03	.92	-3.49	.00	1.03		.13	.13	.044
301- 306 123- 1		0.0	9.22	76.89	-27.75	-.10	-1.08	-1.23	.48	1.44		.12	.12	.083
		7.2	9.22	3.14	-19.27	-.10	-.61	-1.23	.48	.34		.08	.08	.037
		14.5	9.22	-29.63	-10.79	-.10	-.14	-1.23	.48	.56		.03	.03	.046
		21.7	9.22	-21.41	-2.31	-.10	.33	-1.23	.48	.38		.05	.05	.038
		29.0	9.22	27.80	6.17	-.10	.80	-1.23	.48	.50		.09	.09	.043
301- 401 ORL- 1		0.0	-61.10	-345.12	360.45	2.24	-1.22	29.70	-.67	-.76		.08	.08	.066
		7.1	-63.31	-469.67	129.09	2.24	-1.22	29.70	-.69	-.76		.08	.08	.067
		14.2	-65.52	-574.22	-62.24	2.24	-1.22	29.70	-.72	-.90		.08	.08	.075
		21.4	-67.73	-549.10	-253.58	2.24	2.86	29.70	-.74	-.95		.10	.10	.078
		28.5	-69.94	-488.98	-444.91	2.24	7.80	29.70	-.77	-.71		.20	.20	.069
303- 306 125- 1		0.0	-.49	84.59	48.60	.23	-1.10	1.58	-.03	-1.72		.13	.13	.074
		7.2	-.49	9.64	28.25	.23	-.63	1.58	-.03	-.53		.08	.08	.024
		14.5	-.49	-24.33	7.90	.23	-.15	1.58	-.03	-.45		.04	.04	.020
		21.7	-.49	-17.31	-12.45	.23	.32	1.58	-.03	-.36		.05	.05	.017
		29.0	-.49	30.70	-32.81	.23	.79	1.58	-.03	-.79		.10	.10	.035
303- 403 ORL- 1		0.0	-73.36	-565.22	-118.84	-1.71	.55	155.01	-.81	-.90		.16	.16	.079
		7.1	-75.57	-516.26	27.40	-1.71	.55	155.01	-.83	-.81		.16	.16	.076
		14.2	-77.78	-471.30	173.65	-1.71	.55	155.01	-.85	-.79		.16	.16	.076
		21.4	-79.99	-294.87	319.89	-1.71	4.65	155.01	-.88	-.66		.23	.23	.073
		28.5	-82.20	316.96	466.13	-1.71	9.57	155.01	-.90	-.88		.33	.33	.083

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
306- 406	DKL- 1	0.0	-67.44	-818.54	250.37	2.24	2.26	45.53	-.74	-1.34		.11	.11	.094
		7.1	-69.65	-625.07	59.09	2.24	2.26	45.53	-.76	-.98		.11	.11	.080
		14.2	-71.85	-431.61	-132.19	2.24	2.26	45.53	-.79	-.71		.11	.11	.070
		21.4	-74.06	-238.52	-323.47	2.24	6.86	45.53	-.81	-.52		.19	.19	.063
		28.5	-76.27	727.55	-514.75	2.24	11.66	45.53	-.84	-1.39		.30	.30	.101
401- 501	JL4- 1	0.0	451.80	-227.17	-3355.47	2.60	5.95	80.02	1.78	1.19		.05	.05	.132
		1.1	450.83	-175.95	-3398.22	3.85	3.53	80.02	1.77	1.20		.05	.05	.133
		2.3	449.86	-130.41	-3455.23	4.88	3.12	80.02	1.77	1.22		.06	.06	.133
		3.4	448.89	-90.59	-3529.22	5.69	2.73	80.02	1.77	1.24		.06	.06	.134
		4.6	447.93	-55.75	-3610.93	6.08	2.34	80.02	1.76	1.27		.07	.07	.135
401- 510	P1- 1	0.0	-521.75	-112.02	3647.79	3.01	1.61	-2.31	-2.36	-1.71		.03	.03	.182
		1.1	-522.60	-88.93	3606.55	3.01	1.75	-2.31	-2.36	-1.69		.03	.03	.181
		2.3	-523.44	-65.90	3565.30	3.01	1.90	-2.31	-2.37	-1.67		.03	.03	.181
		3.4	-524.29	-36.94	3524.06	3.01	2.04	-2.31	-2.37	-1.65		.03	.03	.180
		4.6	-525.14	-8.03	3482.81	3.01	2.18	-2.31	-2.37	-1.63		.03	.03	.179
403- 503	JL4- 1	0.0	446.27	-538.25	4759.12	-9.54	-.56	-227.70	1.76	1.68		.12	.12	.152
		1.1	445.31	-349.05	4898.97	-10.60	-1.00	-227.70	1.75	1.73		.12	.12	.154
		2.3	444.34	-365.52	5049.08	-11.65	-1.41	-227.70	1.75	1.78		.13	.13	.156
		3.4	443.37	-347.52	5215.16	-12.64	-1.80	-227.70	1.74	1.84		.14	.14	.158
		4.6	442.40	-414.87	5394.97	-13.65	-2.19	-227.70	1.74	1.91		.15	.15	.161
403- 511	P1- 1	0.0	-553.30	-376.53	-4330.71	-3.84	1.55	64.18	-2.41	-2.03		.05	.05	.198
		1.1	-554.15	-350.32	-4277.98	-3.84	1.69	64.18	-2.41	-2.01		.05	.05	.197
		2.3	-555.00	-352.17	-4225.25	-3.84	1.83	64.18	-2.42	-1.98		.05	.05	.196
		3.4	-555.85	-306.08	-4172.52	-3.84	1.97	64.18	-2.42	-1.96		.05	.05	.195
		4.6	-556.69	-278.08	-4119.79	-3.84	2.11	64.18	-2.43	-1.93		.05	.05	.194
406- 506	JL4- 1	0.0	-716.09	-41.55	-403.34	2.43	25.74	-10.73	-2.82	-.14		.21	.21	.137
		1.1	-717.07	319.89	-436.58	2.43	27.08	-10.73	-2.82	-.19		.22	.22	.139
		2.3	-718.04	699.48	-469.82	2.43	28.39	-10.73	-2.82	-.30		.23	.23	.144
		3.4	-719.01	1096.69	-503.06	2.43	29.66	-10.73	-2.83	-.43		.24	.24	.150
		4.6	-719.99	1511.75	-536.30	2.43	30.94	-10.73	-2.83	-.57		.25	.25	.156
406- 512	P1- 1	0.0	642.78	769.08	-111.91	-.19	-1.47	-28.95	2.90	.36		.02	.02	.150
		1.1	641.93	749.68	-109.26	-.19	-1.33	-28.95	2.90	.35		.02	.02	.149
		2.3	641.08	732.62	-106.65	-.19	-1.19	-28.95	2.90	.35		.02	.02	.149
		3.4	640.23	717.50	-104.03	-.19	-1.05	-28.95	2.89	.34		.02	.02	.148
		4.6	639.39	703.90	-101.40	-.19	-.91	-28.95	2.89	.33		.02	.02	.148
501- 502	105- 1	0.0	-54.98	150.65	-149.57	.52	-1.95	32.14	-1.95	-1.90		.28	.28	.188
		3.8	-54.98	86.78	-145.41	-.69	-1.84	32.14	-1.95	-1.48		.26	.26	.169
		7.6	-54.98	1.80	-85.55	-1.91	-1.32	32.14	-1.95	-.77		.30	.30	.141
		11.4	-54.98	-51.29	27.78	-3.12	-1.91	32.14	-1.95	-.52		.36	.36	.130
		15.1	-54.98	-84.69	197.00	-4.33	-.89	32.14	-1.95	-1.94		.43	.43	.190

LOAD CONDITION NO. 9

U.S. NAVY - ACAN PLATFORMS - PLATFORM B3 + B4 - MAL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y KSI	BENDING STRESS Z KSI	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
501- 504 105- 1		0.0	56.23	315.28	-225.14	-1.57	-2.97	-1.21	1.86	3.47		.23	.23	.232
		3.8	56.23	189.52	-147.05	-1.87	-2.57	-1.21	1.86	2.15		.22	.22	.177
		7.6	56.23	82.54	-55.08	-2.18	-2.15	-1.21	1.86	.89		.21	.21	.124
		11.4	56.22	-5.59	50.76	-2.48	-1.71	-1.21	1.86	.46		.21	.21	.105
		15.1	56.22	-72.82	170.47	-2.79	-1.25	-1.21	1.86	1.66		.21	.21	.156
501- 601 JL5- 1		0.0	411.93	121.79	-3094.88	-36.16	.92	213.11	2.88	1.95		.57	.57	.215
		1.5	411.21	133.24	-2446.95	-34.87	.34	213.11	2.88	1.54		.55	.55	.198
		3.0	410.48	134.17	-1822.13	-33.62	-.23	213.11	2.87	1.15		.54	.54	.181
		4.6	409.76	124.62	-1219.64	-32.40	-.79	213.11	2.87	.77		.52	.52	.165
		6.1	409.03	105.47	-639.51	-31.22	-1.33	213.11	2.86	.41		.50	.50	.150
501- 622 200- 1		0.0	8.28	56.14	698.77	8.40	-.76	44.96	.22	3.92		.57	.57	.175
		5.1	7.89	21.89	245.73	6.41	-.35	44.96	.21	1.38		.46	.46	.068
		10.2	7.51	12.60	-88.62	4.52	.06	44.96	.20	.50		.36	.36	.050
		15.3	7.47	17.66	-310.49	2.74	.02	44.96	.20	1.74		.27	.27	.082
		20.4	7.52	14.11	-426.14	1.05	-.14	44.96	.20	2.39		.18	.18	.110
502- 503 105- 1		0.0	-60.08	-89.63	193.35	4.39	.33	-29.65	-1.99	-1.91		.42	.42	.191
		3.8	-60.08	-67.49	21.19	3.18	.64	-29.65	-1.99	-.63		.35	.35	.137
		7.6	-60.08	-31.37	-95.89	1.97	.96	-29.65	-1.99	.90		.28	.28	.148
		11.4	-60.08	19.64	-157.88	.76	1.27	-29.65	-1.99	-1.42		.23	.23	.170
		15.1	-60.08	84.64	-164.76	-.45	1.59	-29.65	-1.99	-1.66		.24	.24	.180
502- 504 105- 1		0.0	4.05	30.64	-2.79	-.33	-.51	-7.70	.34	1.03		.23	.23	.059
		3.8	4.05	10.97	7.31	-.11	-.36	-7.70	.34	.44		.19	.19	.034
		7.6	4.06	-1.80	7.38	.11	-.20	-7.70	.34	.25		.17	.17	.026
		11.4	4.06	-7.28	-2.60	.33	-.04	-7.70	.34	.26		.18	.18	.027
		15.2	4.07	-4.65	-22.61	.55	.15	-7.70	.34	.77		.22	.22	.048
502- 505 105- 1		0.0	6.39	31.40	6.44	.30	-.51	8.44	.54	1.07		.24	.24	.070
		3.8	6.39	11.50	-2.35	.08	-.36	8.44	.54	.39		.20	.20	.041
		7.6	6.40	-1.49	-1.09	-.14	-.21	8.44	.54	.06		.18	.18	.027
		11.4	6.40	-7.20	10.20	-.36	-.04	8.44	.54	.42		.20	.20	.042
		15.2	6.41	-4.97	31.52	-.58	.14	8.44	.54	1.07		.24	.24	.070
503- 505 105- 1		0.0	-41.49	301.54	233.14	1.16	-2.96	-19.33	-1.37	-3.41		.30	.30	.220
		3.8	-41.50	175.69	173.28	1.47	-2.56	-19.33	-1.37	-2.21		.28	.28	.169
		7.6	-41.50	66.63	99.55	1.78	-2.15	-19.33	-1.37	-1.08		.27	.27	.122
		11.4	-41.50	-18.99	11.95	2.08	-1.71	-19.33	-1.37	-.20		.26	.26	.085
		15.1	-41.50	-88.30	-89.52	2.39	-1.25	-19.33	-1.37	-1.11		.27	.27	.123
503- 603 JL5- 1		0.0	335.16	-102.57	4767.52	45.04	4.32	16.79	2.35	3.00		.65	.65	.235
		1.5	335.44	-89.04	3946.59	44.35	3.74	16.79	2.35	2.48		.63	.63	.213
		3.0	335.71	-26.03	3148.77	43.10	3.17	16.79	2.34	1.98		.61	.61	.192
		4.6	335.98	26.70	2373.06	41.88	2.61	16.79	2.34	1.49		.59	.59	.171
		6.1	336.25	69.45	1620.15	40.70	2.07	16.79	2.33	1.02		.58	.58	.151

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
503- 625	200- 1	0.0	130.08	464.69	-79.73	-1.95	-4.89	-28.59	3.42	2.44		.36	.36	.269
		5.1	129.70	204.74	22.48	-1.41	-3.67	-28.59	3.41	1.15		.29	.29	.206
		10.1	129.31	18.91	92.39	-.89	-2.45	-28.59	3.40	.53		.22	.22	.180
		15.2	129.27	-103.61	150.69	-.37	-1.68	-28.59	3.40	.93		.17	.17	.197
		20.3	129.32	-185.55	138.06	.13	-1.01	-28.59	3.40	1.29		.13	.13	.212
504- 505	105- 1	0.0	-9.75	-1.73	41.54	1.46	-.34	.58	-.82	-1.39		.26	.26	.103
		3.8	-9.75	-13.73	-6.94	.67	-.19	.58	-.82	-.51		.13	.13	.066
		7.6	-9.75	-18.65	-19.22	-.13	-.04	.58	-.82	-.90		.03	.03	.082
		11.4	-9.75	-17.04	4.70	-.92	.12	.58	-.82	-.59		.17	.17	.069
		15.2	-9.75	-8.35	64.81	-1.72	.27	.58	-.82	-2.19		.30	.30	.137
504- 506	105- 1	0.0	64.88	-68.19	106.32	1.65	-.77	-11.07	2.15	1.13		.17	.17	.147
		3.8	64.87	-92.39	38.45	1.54	-.29	-11.07	2.15	.90		.14	.14	.137
		7.6	64.87	-94.54	-15.54	1.03	.20	-11.07	2.15	.86		.12	.12	.136
		11.4	64.87	-73.79	-55.64	.73	.71	-11.07	2.15	.83		.12	.12	.134
		15.2	64.87	-29.28	-81.86	.42	1.25	-11.07	2.15	.78		.14	.14	.132
505- 506	105- 1	0.0	-31.43	-76.80	6.41	.04	-.84	-3.82	-1.04	-.69		.07	.07	.087
		3.8	-31.43	-104.41	-1.82	.54	-.37	-3.82	-1.04	-.93		.05	.05	.097
		7.6	-31.43	-109.97	-24.54	.65	.13	-3.82	-1.04	-1.01		.06	.06	.100
		11.4	-31.44	-92.64	-60.74	.95	.64	-3.82	-1.04	-.99		.09	.09	.099
		15.2	-31.44	-51.54	-111.02	1.26	1.17	-3.82	-1.04	-1.10		.13	.13	.104
506- 606	JLS- 1	0.0	-658.31	1081.15	-605.15	-5.33	-16.99	-92.19	-4.61	-.78		.28	.28	.246
		1.5	-659.05	785.09	-507.80	-5.33	-15.45	-92.19	-4.61	-.59		.26	.26	.238
		3.0	-659.76	516.76	-410.44	-5.33	-13.95	-92.19	-4.62	-.41		.24	.24	.231
		4.6	-660.51	275.48	-313.08	-5.33	-12.49	-92.19	-4.62	-.26		.22	.22	.225
		6.1	-661.24	60.65	-215.75	-5.33	-11.06	-92.19	-4.63	-.14		.20	.20	.221
506- 624	200- 1	0.0	-123.26	-252.52	-364.91	-3.70	1.50	-28.34	-3.24	-2.48		.29	.29	.255
		5.1	-123.65	-157.29	-163.19	-2.95	1.63	-28.34	-3.25	-1.27		.26	.26	.208
		10.1	-124.05	-55.27	-6.59	-2.21	1.72	-28.34	-3.26	-.31		.23	.23	.174
		15.2	-124.11	40.39	105.74	-1.49	1.33	-28.34	-3.26	-.63		.18	.18	.186
		20.2	-124.10	104.89	174.67	-.78	.79	-28.54	-3.26	-1.14		.14	.14	.204
510- 710	P1- 1	0.0	-525.14	-29.71	3482.65	3.54	2.50	-42.54	-2.37	-1.63		.05	.05	.184
		6.3	-529.84	190.14	3213.56	3.54	3.28	-42.54	-2.39	-1.51		.05	.05	.180
		12.7	-534.03	87.58	2295.17	4.54	3.51	-142.56	-2.41	-1.07		.08	.08	.163
		19.0	-538.12	380.50	1964.81	4.54	4.19	-142.56	-2.43	-.94		.09	.09	.158
		25.3	-542.20	725.21	1634.45	4.54	4.87	-142.56	-2.45	-.84		.09	.09	.155
511- 711	P1- 1	0.0	-536.70	-395.02	-4117.80	-4.59	6.56	224.04	-2.43	-1.93		.12	.12	.200
		6.3	-541.40	226.30	-3764.06	-4.59	7.36	224.04	-2.45	-1.77		.13	.13	.198
		12.7	-545.59	443.01	-2801.06	-5.19	7.59	324.06	-2.47	-1.33		.16	.16	.176
		19.0	-549.68	1056.80	-2408.07	-5.19	8.27	324.06	-2.48	-1.23		.16	.16	.173
		25.3	-553.76	1691.56	-2011.09	-5.19	8.95	324.06	-2.50	-1.23		.17	.17	.174

STRAN MEMBER DETAIL REPORT

DATE 08/27/76

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
512- 712	M1- 1	0.0	659.40	703.90	-101.41	-.19	-13.81	-45.36	2.89	.33		.14	.14	.148
		6.3	634.70	-316.55	-86.85	-.19	-13.03	-45.36	2.87	.15		.13	.13	.139
		12.7	630.73	-522.71	-72.29	-.19	-11.42	-45.36	2.85	.25		.11	.11	.142
		19.0	626.65	-1355.42	-57.73	-.19	-10.74	-45.36	2.83	.64		.11	.11	.158
		25.3	622.56	-2156.30	-43.17	-.19	-10.06	-45.36	2.81	1.01		.10	.10	.173
601- 621	JL6- 1	0.0	347.19	-46.64	-893.78	-20.65	2.71	-63.34	2.78	.56		.31	.31	.152
		1.5	345.51	-1.99	-534.85	-19.09	2.18	-63.34	2.77	.34		.29	.29	.143
		3.0	345.48	33.09	-196.82	-17.96	1.67	-63.34	2.77	.13		.27	.27	.133
		4.6	345.24	50.90	120.84	-16.86	1.17	-63.34	2.77	.08		.26	.26	.132
		6.1	344.80	75.75	418.67	-15.79	.68	-63.34	2.76	.27		.24	.24	.139
603- 623	JL6- 1	0.0	321.71	-70.65	1858.57	29.68	6.11	295.57	2.25	1.17		.52	.52	.153
		1.5	321.03	36.11	1527.58	28.52	5.59	295.57	2.25	.83		.50	.50	.139
		3.0	320.40	133.31	817.49	27.39	5.07	295.57	2.24	.52		.48	.48	.126
		4.6	319.78	221.22	327.78	26.29	4.57	295.57	2.24	.25		.47	.47	.114
		6.1	319.12	300.18	-142.11	25.22	4.09	295.57	2.23	.21		.45	.45	.112
606- 626	JL6- 1	0.0	-661.20	60.65	-216.02	-5.33	-13.20	-91.49	-4.63	-.14		.23	.23	.221
		1.5	-661.47	-167.49	-118.72	-5.33	-11.82	-91.49	-4.63	-.13		.21	.21	.221
		3.0	-662.51	-370.79	-21.42	-5.33	-10.48	-91.49	-4.63	-.23		.19	.19	.225
		4.6	-663.14	-544.45	75.89	-5.33	-9.17	-91.49	-4.64	-.35		.18	.18	.229
		6.1	-663.77	-705.59	173.19	-5.33	-7.90	-91.49	-4.64	-.46		.16	.16	.234
621- 651	JL6- 1	0.0	344.82	77.77	418.20	-15.46	1.32	-63.99	2.76	.27		.24	.24	.139
		1.5	343.98	95.15	685.98	-13.90	.59	-63.99	2.76	.44		.21	.21	.146
		3.0	343.34	94.51	925.87	-12.58	-.11	-63.99	2.75	.58		.19	.19	.152
		4.6	342.71	91.26	1137.92	-10.89	-.79	-63.99	2.75	.72		.17	.17	.157
		6.1	342.07	70.77	1323.40	-9.45	-1.45	-63.99	2.74	.83		.15	.15	.162
622- 703	200- 1	0.0	7.53	14.58	-425.59	1.05	-.05	49.84	.20	2.38		.19	.19	.109
		5.4	7.57	7.88	-406.79	-1.60	-.15	49.84	.20	2.28		.22	.22	.105
		10.9	7.60	-5.55	-220.59	-4.08	-.26	49.84	.20	1.23		.35	.35	.061
		16.3	7.61	-24.66	124.06	-6.45	-.33	49.84	.20	.71		.48	.48	.039
		21.8	7.62	-48.43	619.25	-8.69	-.39	49.84	.20	3.48		.60	.60	.156
623- 653	JL6- 1	0.0	319.14	300.64	-140.21	24.93	4.66	296.02	2.23	.21		.45	.45	.112
		1.5	318.50	379.03	-580.84	23.57	3.94	296.02	2.23	.44		.42	.42	.121
		3.0	317.87	444.41	-993.37	21.65	3.23	296.02	2.22	.68		.40	.40	.132
		4.6	317.23	497.17	-1378.47	20.37	2.55	296.02	2.22	.92		.38	.38	.141
		6.1	316.60	537.69	-1736.79	18.92	1.89	296.02	2.21	1.14		.36	.36	.151
624- 701	200- 1	0.0	-124.10	104.88	174.70	-.76	.83	-28.26	-3.26	-1.14		.14	.14	.206
		5.5	-124.09	134.66	187.39	.57	.07	-28.26	-3.26	-1.29		.10	.10	.211
		11.0	-124.07	113.08	126.60	1.47	-.71	-28.26	-3.26	-.95		.17	.17	.199
		16.5	-124.04	40.05	-6.02	2.55	-1.55	-28.26	-3.26	-.23		.24	.24	.172
		21.9	-163.94	-87.54	-208.12	3.59	-2.35	-28.26	-3.26	-1.26		.30	.30	.210

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
625- 706 200- 1		0.0	129.32	-185.59	137.98	.06	-.97	-20.74	3.40	1.29		.13	.13	.212
		5.5	129.35	-205.99	107.12	.87	.34	-20.74	3.40	1.30		.13	.13	.212
		11.0	129.40	-141.72	23.94	1.65	1.61	-20.74	3.40	.80		.20	.20	.191
		16.4	129.44	5.32	-109.02	2.38	2.85	-20.74	3.40	.61		.28	.28	.183
		21.9	129.47	232.40	-288.67	3.07	4.04	-20.74	3.40	2.07		.35	.35	.245
626- 656 JL6- 1		0.0	-663.78	-705.56	173.34	-5.33	-6.82	-91.21	-4.64	-.46		.15	.15	.234
		1.5	-664.41	-813.96	270.67	-5.33	-5.07	-91.21	-4.65	-.54		.13	.13	.238
		3.0	-665.05	-890.76	368.00	-5.33	-3.36	-91.21	-4.65	-.61		.12	.12	.241
		4.6	-665.68	-930.68	465.33	-5.33	-1.69	-91.21	-4.66	-.66		.11	.11	.243
		6.1	-666.31	-952.54	562.66	-5.33	-.06	-91.21	-4.66	-.70		.10	.10	.245
651- 701 JL6- 1		0.0	414.10	63.80	1098.96	10.62	-.92	-387.28	2.90	.69		.27	.27	.163
		1.8	413.37	30.44	855.18	12.27	-1.65	-387.28	2.89	.54		.29	.29	.157
		3.5	412.63	-6.15	576.65	13.88	-2.35	-387.28	2.89	.36		.32	.32	.149
		5.3	411.90	-63.38	264.35	15.44	-3.05	-387.28	2.88	.17		.34	.34	.141
		7.1	411.15	-134.86	-80.65	16.96	-3.69	-387.28	2.88	.10		.36	.36	.137
653- 703 JL6- 1		0.0	334.49	508.67	-1499.43	-1.16	2.92	631.38	2.34	.99		.24	.24	.150
		1.8	333.75	565.05	-1457.03	-2.62	2.19	631.38	2.33	.78		.25	.25	.149
		3.5	333.02	602.23	-1379.86	-4.43	1.49	631.38	2.33	.95		.26	.26	.148
		5.3	332.28	626.72	-1266.92	-5.99	.81	631.38	2.32	.89		.28	.28	.145
		7.1	331.54	636.98	-1125.29	-7.50	.15	631.38	2.32	.81		.30	.30	.142
650- 706 JL6- 1		0.0	-666.31	-952.54	562.70	-5.33	.24	-90.95	-4.66	-.70		.10	.10	.245
		1.8	-667.05	-927.67	676.26	-5.33	2.06	-90.95	-4.67	-.72		.11	.11	.246
		3.5	-667.79	-884.37	789.83	-5.33	3.86	-90.95	-4.67	-.74		.12	.12	.247
		5.3	-668.53	-783.93	903.39	-5.33	5.57	-90.95	-4.68	-.74		.14	.14	.248
		7.1	-669.27	-627.54	1016.95	-5.33	7.24	-90.95	-4.68	-.75		.15	.15	.248
701- 702 137- 1		0.0	-34.83	24.45	20.34	1.93	-.19	12.89	-1.81	-.56		.31	.31	.148
		4.7	-34.83	13.56	-53.80	.71	-.20	12.89	-1.81	-.98		.19	.19	.162
		9.4	-34.83	2.43	-59.32	-.51	-.20	12.89	-1.81	-1.05		.17	.17	.165
		14.1	-34.83	-8.98	3.79	-1.73	-.20	12.89	-1.81	-.17		.29	.29	.128
		18.8	-34.83	-20.02	135.53	-2.95	-.21	12.89	-1.81	-2.42		.42	.42	.222
701- 704 137- 1		0.0	-12.67	90.54	-63.01	-.01	-.82	-.69	-.66	-1.94		.09	.09	.126
		4.7	-12.69	47.11	-53.59	-.32	-.72	-.69	-.66	-1.26		.09	.09	.097
		9.4	-12.70	10.21	-26.50	-.64	-.59	-.69	-.66	-.50		.10	.10	.065
		14.1	-12.72	-19.05	18.24	-.95	-.44	-.69	-.66	-.46		.12	.12	.094
		18.8	-12.74	-39.51	80.65	-1.27	-.27	-.69	-.66	-1.58		.14	.14	.111
701- 801 JL7- 1		0.0	246.40	250.45	28.24	-10.96	3.85	-125.77	3.49	.32		.41	.41	.175
		7.1	244.94	485.54	730.00	-5.65	1.26	-125.77	3.47	1.10		.24	.24	.207
		14.2	243.49	474.50	1005.16	-.42	-1.00	-125.77	3.44	1.41		.12	.12	.219
		21.3	242.02	302.33	849.76	5.32	-3.00	-125.77	3.42	1.21		.21	.21	.209
		28.4	240.54	-20.05	451.60	7.13	-4.74	-125.77	3.40	.58		.32	.32	.182

S T R A N M E M B E R D E T A I L R E P O R T

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS KSI	Z SHEAR STRESS KSI	COMB. UNITY CHECK
701- 806	200- 1	0.0	154.67	401.70	96.56	2.13	-5.93	3.28	4.07	2.31		.24	.24	.286
		12.5	154.66	-52.37	-124.52	.82	-2.11	3.28	4.07	.76		.13	.13	.220
		25.1	154.72	-231.55	-155.40	-.39	-.29	3.28	4.07	1.56		.03	.03	.254
		37.6	154.78	-144.09	-12.70	-1.48	1.43	3.28	4.07	.81		.12	.12	.222
		50.2	154.86	194.98	264.60	-2.45	3.06	3.28	4.07	1.93		.21	.21	.270
702- 703	137- 1	0.0	-34.43	-21.57	146.71	3.18	.22	-10.85	-1.79	-2.61		.43	.43	.229
		4.7	-34.43	-9.59	2.32	1.96	.21	-10.85	-1.79	-.17		.30	.30	.127
		9.4	-34.43	2.12	-73.43	.74	.21	-10.85	-1.79	-1.30		.18	.18	.174
		14.1	-34.43	13.57	-80.56	-.48	.20	-10.85	-1.79	-1.44		.15	.15	.180
		18.8	-34.43	24.76	-19.06	-1.70	.20	-10.85	-1.79	-.55		.27	.27	.142
702- 704	107- 1	0.0	4.21	12.50	-25.65	-.60	-.21	-1.31	.35	.96		.13	.13	.058
		4.7	4.21	1.97	-.77	-.32	-.16	-1.31	.35	.07		.08	.08	.019
		9.4	4.22	-5.27	9.74	-.05	-.10	-1.31	.35	.37		.04	.04	.032
		14.1	4.22	-8.55	4.86	.22	-.02	-1.31	.35	.33		.06	.06	.030
		18.8	4.23	-7.21	-15.39	.50	.07	-1.31	.35	.57		.11	.11	.040
702- 705	107- 1	0.0	3.52	13.65	15.47	.53	-.21	.88	.30	.69		.11	.11	.043
		4.7	3.52	3.15	-6.74	.26	-.16	.88	.30	.25		.07	.07	.024
		9.4	3.53	-4.05	-13.58	-.02	-.09	.88	.30	.47		.03	.03	.034
		14.1	3.53	-7.30	-5.04	-.29	-.02	.88	.30	.30		.06	.06	.026
		18.8	3.54	-5.93	18.88	-.56	.07	.88	.30	.66		.11	.11	.042
703- 705	137- 1	0.0	30.85	89.69	106.37	.35	-.83	-.89	1.60	2.46		.10	.10	.178
		4.7	30.83	45.68	78.01	.66	-.73	-.89	1.60	1.60		.11	.11	.141
		9.4	30.81	8.19	51.98	.94	-.61	-.89	1.60	.58		.13	.13	.099
		14.1	30.79	-21.84	-51.71	1.29	-.46	-.89	1.60	.66		.15	.15	.103
		18.8	30.77	-42.90	-113.07	1.60	-.29	-.89	1.60	2.13		.18	.18	.164
703- 801	200- 1	0.0	-1.58	42.10	-689.10	-8.53	.02	-8.34	-.04	-3.86		.47	.47	.165
		12.5	-1.52	36.90	232.87	-3.84	-.09	-8.34	-.04	-1.32		.23	.23	.058
		25.1	-1.43	16.53	495.97	.26	-.18	-8.34	-.04	-2.78		.04	.04	.119
		37.6	-1.33	-16.81	172.68	3.47	-.26	-8.34	-.03	-.97		.23	.23	.043
		50.2	-1.27	-64.30	-679.92	7.30	-.37	-8.34	-.03	-3.82		.41	.41	.163
703- 803	JL7- 1	0.0	334.06	759.68	-972.49	6.74	1.94	2.51	4.73	1.57		.20	.20	.245
		7.1	332.60	812.28	-1314.08	1.40	-.65	2.51	4.71	1.96		.05	.05	.301
		14.2	331.14	658.73	-1229.10	-3.31	-2.91	2.51	4.68	1.77		.13	.13	.292
		21.3	329.68	324.06	-763.50	-7.55	-4.90	2.51	4.66	1.05		.26	.26	.260
		28.4	328.20	-169.42	44.83	-11.36	-6.64	2.51	4.64	.22		.37	.37	.224
704- 705	107- 1	0.0	-6.99	5.03	80.44	2.18	-.19	.63	-.59	-2.69		.38	.38	.147
		4.7	-6.99	-5.04	-11.78	1.10	-.10	.63	-.59	-.43		.20	.20	.052
		9.4	-6.99	-7.91	-43.29	.02	-.00	.63	-.59	-1.47		.01	.01	.096
		14.1	-6.99	-5.46	-14.09	-1.06	.09	.63	-.59	-.51		.19	.19	.055
		18.8	-6.99	2.26	75.82	-2.14	.18	.63	-.59	-2.54		.37	.37	.141

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
704- 706	137- 1	0.0	-4.82	-43.84	-15.18	.28	-.01	-5.27	-.25	-.82		.08	.08	.051
		4.7	-4.83	-39.33	-22.43	-.02	.16	-5.27	-.25	-.80		.06	.06	.050
		9.4	-4.84	-23.87	-12.57	-.32	.38	-5.27	-.25	-.48		.10	.10	.037
		14.1	-4.85	5.21	13.83	-.01	.59	-5.27	-.25	-.25		.13	.13	.027
		18.8	-4.85	42.57	56.19	-.89	.81	-5.27	-.25	-1.24		.17	.17	.069
705- 706	137- 1	0.0	38.37	-45.69	-18.37	-.61	-.03	2.40	1.99	.87		.08	.08	.129
		4.7	38.36	-42.32	7.27	-.30	.16	2.40	1.99	.76		.06	.06	.124
		9.4	38.35	-27.99	15.81	-.00	.36	2.40	1.99	.57		.06	.06	.116
		14.1	38.34	-2.05	7.40	.29	.57	2.40	1.99	.14		.09	.09	.098
		18.8	38.35	36.17	-16.17	.56	.79	2.40	1.99	.70		.12	.12	.122
706- 803	200- 1	0.0	-160.59	-278.51	370.61	3.61	2.07	4.43	-4.22	-2.59		.23	.23	.365
		12.5	-160.52	-14.44	-48.46	1.96	1.40	4.43	-4.22	-.28		.14	.14	.269
		25.1	-160.46	131.85	-221.13	.55	.52	4.43	-4.22	-1.44		.05	.05	.317
		37.6	-160.39	137.48	-156.31	-1.19	-.46	4.43	-4.22	-1.16		.08	.08	.306
		50.2	-160.35	-9.53	134.19	-2.65	-1.49	4.43	-4.21	-.75		.17	.17	.288
706- 806	JL7- 1	0.0	-505.99	-627.37	885.96	3.36	-8.51	117.69	-7.16	-1.38		.33	.33	.400
		7.1	-507.43	-1104.62	599.66	3.36	-2.82	117.69	-7.18	-1.60		.20	.20	.408
		14.2	-508.88	-1128.84	313.37	3.36	2.15	117.69	-7.20	-1.49		.19	.19	.406
		21.3	-510.32	-755.71	27.07	3.36	6.52	117.69	-7.22	-.96		.28	.28	.387
		28.4	-511.80	-34.03	-259.22	3.36	10.34	117.69	-7.24	-.33		.38	.38	.365
710- 810	P2- 1	0.0	-542.20	727.55	1633.25	4.21	.17	-197.54	-2.16	-.75		.07	.07	.137
		7.1	-547.40	779.15	1274.57	4.21	1.04	-197.54	-2.18	-.62		.08	.08	.133
		14.2	-552.60	904.37	915.89	4.21	1.90	-197.54	-2.20	-.54		.08	.08	.131
		21.3	-557.80	1105.22	557.21	4.21	2.77	-197.54	-2.22	-.52		.08	.08	.131
		28.4	-563.00	1375.70	198.54	4.21	3.63	-197.54	-2.24	-.58		.09	.09	.135
711- 811	P2- 1	0.0	-553.75	1694.53	-2008.85	-5.06	-1.69	59.76	-2.20	-1.10		.05	.05	.154
		7.1	-558.96	1587.83	-1578.32	-5.06	-.82	59.76	-2.22	-.93		.05	.05	.149
		14.2	-564.16	1554.75	-1147.79	-5.06	.04	59.76	-2.24	-.81		.05	.05	.144
		21.3	-569.36	1595.31	-717.26	-5.06	.91	59.76	-2.27	-.73		.05	.05	.142
		28.4	-574.55	1709.50	-286.73	-5.06	1.77	59.76	-2.29	-.72		.06	.06	.143
712- 812	P2- 1	0.0	622.55	-2156.30	-42.79	-.19	-5.42	210.62	2.48	.90		.07	.07	.153
		7.1	617.35	-2410.86	-26.49	-.19	-2.56	210.62	2.46	1.00		.06	.06	.156
		14.2	612.15	-2591.71	-10.16	-.19	-1.69	210.62	2.44	1.08		.06	.06	.158
		21.3	606.95	-2698.85	6.12	-.19	-.83	210.62	2.41	1.12		.05	.05	.159
		28.4	601.75	-2732.28	22.43	-.19	.04	210.62	2.39	1.14		.05	.05	.159
801- 802	140- 1	0.0	-24.80	38.97	-34.94	1.34	-.30	12.34	-1.17	-.76		.22	.22	.115
		5.7	-24.80	19.44	-41.54	.51	-.27	12.34	-1.17	-1.35		.13	.13	.140
		11.4	-24.80	1.55	-77.51	-.71	-.25	12.34	-1.17	-1.12		.16	.16	.131
		17.1	-24.80	-14.82	6.23	-1.74	-.23	12.34	-1.17	-.23		.25	.25	.093
		22.8	-24.80	-29.64	100.19	-2.76	-.21	12.34	-1.17	-2.36		.35	.35	.143

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 & #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
801- 804	148- 1	0.0	26.94	115.47	-116.80	-.32	-.77	3.47	1.27	2.38		.10	.10	.159
		5.7	26.92	65.56	-86.12	-.58	-.69	3.47	1.27	1.57		.11	.11	.125
		11.4	26.91	22.08	-38.05	-.83	-.58	3.47	1.27	.64		.12	.12	.086
		17.1	26.89	-14.00	27.41	-1.08	-.47	3.47	1.27	.05		.14	.14	.077
		22.8	26.86	-41.70	110.26	-1.34	-.34	3.47	1.27	1.71		.16	.16	.130
801- 901	JL8- 1	0.0	236.12	46.27	325.35	-5.14	3.25	173.40	3.34	.42		.28	.28	.172
		8.1	234.44	275.64	632.43	-1.24	1.50	173.40	3.32	.88		.17	.17	.190
		16.2	232.76	543.80	581.23	2.24	-.06	173.40	3.29	.86		.17	.17	.189
		24.3	231.09	269.17	207.51	5.39	-1.44	173.40	3.27	.43		.27	.27	.170
		32.4	229.41	66.93	-458.26	8.24	-2.70	173.40	3.25	.59		.36	.36	.175
801- 903	200- 1	0.0	3.13	-4.01	595.82	6.32	.22	22.24	.08	3.34		.39	.39	.144
		14.9	3.18	22.79	-213.14	2.81	.08	22.24	.08	1.20		.21	.21	.054
		29.8	3.25	24.66	-435.39	-.47	-.06	22.24	.09	2.44		.08	.08	.107
		44.7	3.33	3.52	-137.09	-3.02	-.16	22.24	.09	.77		.22	.22	.036
		59.6	3.42	-39.13	629.39	-5.52	-.30	22.24	.09	3.53		.35	.35	.153
802- 803	148- 1	0.0	-24.99	-27.45	157.27	2.73	.17	-18.33	-1.18	-2.31		.39	.39	.181
		5.7	-24.99	-15.13	5.49	1.71	.19	-18.33	-1.18	-.23		.29	.29	.094
		11.4	-24.99	-1.26	-75.17	.68	.21	-18.33	-1.18	-1.10		.20	.20	.130
		17.1	-24.99	14.17	-87.71	-.34	.24	-18.33	-1.18	-1.29		.17	.17	.138
		22.8	-24.99	31.17	-29.13	-1.37	.26	-18.33	-1.18	-.62		.26	.26	.110
802- 804	108- 1	0.0	3.22	16.91	-16.29	-.40	-.19	-2.99	.27	.79		.12	.12	.046
		5.7	3.24	6.07	4.27	-.20	-.13	-2.99	.27	.25		.09	.09	.023
		11.4	3.25	-.87	10.81	.01	-.07	-2.99	.27	.36		.06	.06	.028
		17.1	3.26	-3.91	3.33	.21	-.02	-2.99	.27	.17		.09	.09	.020
		22.8	3.28	-5.06	-18.18	.42	.04	-2.99	.28	.62		.12	.12	.039
802- 805	108- 1	0.0	3.59	14.43	19.22	.41	-.19	4.08	.30	.80		.14	.14	.048
		5.7	3.61	3.58	-1.69	.20	-.13	4.08	.30	.13		.11	.11	.020
		11.4	3.62	-3.37	-8.57	-.00	-.07	4.08	.30	.31		.08	.08	.027
		17.1	3.63	-6.42	-1.45	-.21	-.02	4.08	.31	.22		.10	.10	.023
		22.8	3.65	-5.57	19.73	-.41	.04	4.08	.31	.69		.14	.14	.043
803- 805	148- 1	0.0	-11.50	117.12	109.03	.23	-.75	-1.56	-.54	-2.32		.09	.09	.136
		5.7	-11.51	68.82	88.89	.48	-.66	-1.56	-.54	-1.56		.09	.09	.105
		11.4	-11.53	28.95	43.35	.73	-.56	-1.56	-.54	-.74		.10	.10	.070
		17.1	-11.54	-7.52	-15.57	.99	-.45	-1.56	-.54	-.25		.11	.11	.049
		22.8	-11.56	-33.62	-91.86	1.24	-.32	-1.56	-.55	-1.42		.13	.13	.098
803- 903	JL8- 1	0.0	144.53	305.55	-175.06	4.94	1.65	26.41	2.04	.45		.16	.16	.114
		8.1	142.85	379.40	-462.39	1.04	-.10	26.41	2.02	.76		.05	.05	.126
		16.2	141.19	292.05	-391.45	-2.44	-1.66	26.41	2.00	.62		.10	.10	.119
		24.3	139.50	61.91	1.93	-5.59	-3.04	26.41	1.97	.08		.20	.20	.095
		32.4	137.82	-295.85	667.56	-8.45	-4.30	26.41	1.95	.95		.28	.28	.130

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
803- 906	200- 1	0.0	163.59	398.96	-16.74	-1.42	-2.84	-11.79	4.30	2.23		.20	.20	.293
		14.9	163.66	6.38	145.51	-.42	-1.55	-11.79	4.30	.82		.12	.12	.233
		29.8	163.73	-158.58	142.16	.45	-.31	-11.79	4.30	1.19		.06	.06	.249
		44.7	163.76	-114.16	-10.97	1.25	.78	-11.79	4.30	.64		.11	.11	.226
		59.6	163.75	106.66	-298.01	1.93	1.68	-11.79	4.31	1.78		.17	.17	.274
804- 805	108- 1	0.0	-6.10	-2.17	68.98	1.57	-.11	-1.18	-.51	-2.31		.28	.28	.129
		5.7	-6.10	-7.92	-11.34	.78	-.06	-1.18	-.51	-.46		.15	.15	.052
		11.4	-6.10	-9.75	-37.06	-.02	.00	-1.18	-.51	-1.28		.02	.02	.056
		17.1	-6.10	-7.73	-8.23	-.02	.06	-1.18	-.51	-.38		.16	.16	.048
		22.8	-6.10	-1.79	75.21	-1.62	.12	-1.18	-.51	-2.52		.29	.29	.138
804- 806	148- 1	0.0	33.29	-38.52	23.11	.52	-.19	-1.97	1.57	.65		.07	.07	.100
		5.7	33.28	-46.37	-3.95	.27	-.04	-1.97	1.57	.67		.04	.04	.101
		11.4	33.27	-43.90	-14.46	.04	.12	-1.97	1.57	.67		.03	.03	.101
		17.1	33.28	-30.12	-9.25	-.19	.29	-1.97	1.57	.46		.05	.05	.092
		22.8	33.29	-4.05	10.82	-.40	.48	-1.97	1.57	.17		.07	.07	.080
805- 806	148- 1	0.0	-4.92	-35.00	3.08	-.29	-.16	7.45	-.23	-.48		.08	.08	.037
		5.7	-4.94	-39.06	14.08	-.04	-.02	7.45	-.23	-.60		.06	.06	.042
		11.4	-4.94	-34.79	8.56	.20	.14	7.45	-.23	-.52		.08	.08	.038
		17.1	-4.94	-19.23	-12.48	.42	.32	7.45	-.23	-.33		.10	.10	.031
		22.8	-4.93	8.62	-48.78	.63	.50	7.45	-.23	-.72		.13	.13	.047
805- 901	200- 1	0.0	-167.17	-300.17	-293.98	-2.51	1.58	-4.73	-4.39	-2.35		.17	.17	.400
		14.9	-167.10	-53.15	49.30	-1.52	1.14	-4.73	-4.39	-.41		.10	.10	.312
		29.8	-167.00	94.05	176.41	-.11	.68	-4.73	-4.39	-1.12		.04	.04	.344
		44.7	-166.90	111.29	93.87	1.02	-.31	-4.73	-4.39	-.81		.07	.07	.330
		59.6	-166.83	-17.91	-182.33	2.05	-1.15	-4.73	-4.39	-1.03		.14	.14	.339
805- 906	JL8- 1	0.0	-356.55	-137.53	-92.10	.64	-6.23	-50.46	-4.76	-.21		.21	.21	.242
		8.1	-358.22	-554.57	-153.97	.64	-2.42	-50.46	-4.78	-.73		.10	.10	.262
		16.2	-359.87	-624.04	-215.83	.64	.91	-50.46	-4.81	-.84		.06	.06	.267
		24.3	-361.53	-390.80	-277.70	.64	3.81	-50.46	-4.83	-.61		.14	.14	.260
		32.4	-363.18	107.74	-339.56	.64	6.36	-50.46	-4.85	-.45		.21	.21	.256
810- 910	P2- 1	0.0	-562.94	1375.56	200.60	4.31	-7.96	394.73	-2.24	-.58		.15	.15	.136
		8.1	-568.93	849.24	-218.47	4.31	-6.97	394.73	-2.26	-.29		.15	.15	.125
		16.2	-574.88	19.53	-637.54	4.31	-5.97	394.73	-2.29	-.27		.14	.14	.125
		24.3	-580.82	-515.54	-1056.61	4.31	-4.98	394.73	-2.31	-.49		.13	.13	.136
		32.4	-586.76	-949.49	-1475.68	4.31	-3.99	394.73	-2.33	-.73		.13	.13	.147
811- 911	P2- 1	0.0	-574.54	1709.20	-284.68	-5.15	-11.66	20.44	-2.29	-.72		.11	.11	.144
		8.1	-580.49	822.78	212.84	-5.15	-10.67	20.44	-2.31	-.27		.10	.10	.126
		16.2	-586.43	-357.01	714.35	-5.15	-9.67	20.44	-2.33	-.33		.09	.09	.130
		24.3	-592.38	-1200.18	1215.87	-5.15	-8.68	20.44	-2.36	-.75		.08	.08	.148
		32.4	-598.32	-2056.72	1717.39	-5.15	-7.69	20.44	-2.38	-1.12		.08	.08	.165

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 & #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
812- 912	P2- 1	0.0	601.74	-2732.28	22.06	-.19	13.95	-41.41	2.39	1.14		.12	.12	.159
		8.1	595.79	-1326.16	40.70	-.19	14.94	-41.41	2.37	.55		.13	.13	.133
		16.2	589.85	176.50	59.33	-.19	15.94	-41.41	2.35	.08		.14	.14	.112
		24.3	583.90	1775.70	77.97	-.19	16.93	-41.41	2.32	.74		.14	.14	.139
		32.4	577.96	3471.44	96.60	-.19	17.92	-41.41	2.30	1.45		.15	.15	.167
901- 902	169- 1	0.0	.17	.12	-34.49	1.19	.06	16.38	.01	.38		.19	.19	.016
		6.9	.17	5.69	-45.40	.29	.02	16.38	.01	1.04		.11	.11	.044
		13.7	.17	3.89	-83.91	-.60	-.02	16.38	.01	.91		.14	.14	.039
		20.6	.17	.70	2.69	-1.49	-.06	16.38	.01	.03		.21	.21	.002
		27.4	.17	-5.68	101.70	-2.38	-.10	16.38	.01	1.77		.29	.29	.075
901- 904	169- 1	0.0	54.30	103.24	-114.79	-.23	-.44	1.14	2.23	1.69		.05	.05	.174
		6.9	54.32	66.53	-85.49	-.48	-.41	1.14	2.23	1.20		.06	.06	.154
		13.7	54.33	36.05	-35.91	-.73	-.36	1.14	2.23	.56		.07	.07	.127
		20.6	54.35	5.88	33.95	-.97	-.35	1.14	2.23	.38		.09	.09	.119
		27.4	54.37	-22.06	124.10	-1.22	-.33	1.14	2.23	1.38		.11	.11	.161
901-1001	JL9- 1	0.0	29.25	321.48	-319.76	-5.07	.96	173.98	.41	.58		.27	.27	.043
		8.1	27.59	357.40	102.39	-3.04	-.21	173.98	.39	.47		.20	.20	.038
		16.2	25.94	284.02	274.27	-.56	-1.29	173.98	.37	.50		.15	.15	.038
		24.3	24.30	110.14	217.37	1.75	-2.27	173.98	.34	.31		.19	.19	.029
		32.4	22.62	-156.96	-57.74	3.08	-3.21	173.98	.32	.21		.25	.25	.024
901-1002	180- 1	0.0	-1.14	-25.44	179.72	2.74	.33	-.42	-.04	-1.55		.20	.20	.068
		10.6	-1.00	7.61	-74.86	1.30	.16	-.42	-.04	-.64		.10	.10	.029
		21.1	-.86	16.26	-151.78	-.07	.01	-.42	-.03	-1.31		.01	.01	.057
		31.7	-.71	9.27	-61.05	-1.35	-.15	-.42	-.03	-.53		.10	.10	.024
		42.2	-.60	-21.25	183.26	-2.48	-.34	-.42	-.02	-1.58		.18	.18	.068
901-1004	180- 1	0.0	149.39	101.23	8.02	.76	-1.24	8.65	5.43	.87		.14	.14	.288
		10.6	149.58	-10.71	-55.62	.27	-.53	8.65	5.44	.48		.08	.08	.272
		21.1	149.76	-35.32	-63.07	-.13	.13	8.65	5.45	.62		.05	.05	.278
		31.7	149.94	17.64	-23.10	-.50	.69	8.65	5.45	.25		.10	.10	.243
		42.2	150.14	134.77	61.29	-.03	1.14	8.65	5.46	1.27		.14	.14	.306
902- 903	169- 1	0.0	-.17	-6.32	157.03	2.37	.13	-15.24	-.01	-1.72		.28	.28	.073
		6.9	-.17	2.83	-1.19	1.48	.09	-15.24	-.01	-.03		.20	.20	.002
		13.7	-.17	8.60	-66.10	.59	.05	-15.24	-.01	-.95		.13	.13	.040
		20.6	-.17	10.99	-97.71	-.30	.01	-15.24	-.01	-1.07		.11	.11	.046
		27.4	-.17	9.99	-56.01	-1.20	-.03	-15.24	-.01	-.41		.18	.18	.018
902- 904	169- 1	0.0	2.57	16.14	-13.41	-.30	-.12	-3.55	.22	.71		.11	.11	.040
		6.9	2.56	6.77	4.87	-.15	-.11	-3.55	.22	.28		.09	.09	.022
		13.7	2.55	-1.20	10.97	.00	-.08	-3.55	.21	.37		.07	.07	.025
		20.6	2.54	-6.34	8.49	.16	-.04	-3.55	.21	.26		.09	.09	.021
		27.4	2.53	-7.25	-14.57	.31	.02	-3.55	.21	.54		.11	.11	.033

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
902- 905 109- 1		0.0	3.26	16.46	18.48	.30	-.12	3.23	.27	.83		.11	.11	.048
		6.9	3.25	7.20	-.21	.15	-.11	3.23	.27	.24		.09	.09	.023
		13.7	3.24	-.65	-6.33	-.00	-.08	3.23	.27	.21		.07	.07	.022
		20.6	3.23	-5.69	.14	-.16	-.04	3.23	.27	.19		.08	.08	.021
		27.4	3.22	-6.49	19.19	-.31	.02	3.23	.27	.68		.11	.11	.041
903- 905 109- 1		0.0	-62.69	105.68	112.04	.07	-.45	.24	-2.57	-1.68		.08	.04	.258
		6.9	-62.67	70.25	96.23	.32	-.42	.24	-2.57	-1.30		.04	.04	.242
		13.7	-62.65	36.08	80.14	.56	-.39	.24	-2.57	-.77		.06	.06	.221
		20.6	-62.64	5.76	3.77	.81	-.36	.24	-2.57	-.08		.07	.07	.194
		27.4	-62.62	-23.10	-72.88	1.06	-.34	.24	-2.57	-.84		.09	.09	.222
903-1002 180- 1		0.0	-.68	-12.31	-141.19	-2.82	.30	-8.08	-.02	-1.64		.24	.24	.070
		10.6	-.54	15.01	74.34	-1.34	.13	-8.08	-.02	-.65		.14	.14	.028
		21.1	-.40	21.96	162.21	-.02	-.02	-8.08	-.01	-1.40		.04	.04	.060
		31.7	-.26	9.22	82.43	1.26	-.18	-8.08	-.01	-.71		.13	.13	.030
		42.2	-.14	-25.03	-150.94	2.40	-.37	-8.08	-.01	-1.31		.21	.21	.065
903-1003 JL9- 1		0.0	29.94	-184.23	787.35	6.84	2.32	-122.74	.42	1.03		.28	.28	.063
		8.1	28.27	-15.55	250.77	4.21	1.16	-122.74	.40	.32		.20	.20	.032
		16.2	26.62	43.84	-37.55	1.74	.08	-122.74	.38	.07		.13	.13	.021
		24.3	24.98	2.74	-93.08	-.57	-.91	-122.74	.35	.12		.11	.11	.021
		32.4	23.30	-131.60	67.59	-2.70	-1.84	-122.74	.33	.19		.17	.17	.023
903-1005 180- 1		0.0	150.15	155.29	30.85	-.62	-1.45	-24.13	5.46	1.35		.22	.22	.310
		10.6	150.35	16.74	77.67	-.13	-.74	-24.13	5.47	.66		.16	.16	.282
		21.1	150.52	-34.47	68.70	.27	-.08	-24.13	5.48	.66		.12	.12	.281
		31.7	150.71	-8.12	11.51	.63	.48	-24.13	5.48	.12		.16	.16	.259
		42.2	150.90	82.41	-89.70	.98	.93	-24.13	5.49	1.04		.20	.20	.298
904- 905 109- 1		0.0	-5.18	.71	60.05	1.19	-.13	.22	-.44	-2.01		.20	.20	.115
		6.9	-5.18	-7.53	-12.53	.57	-.07	.22	-.44	-.49		.10	.10	.051
		13.7	-5.18	-10.13	-34.35	-.04	.00	.22	-.44	-1.20		.01	.01	.081
		20.6	-5.18	-7.10	-5.43	-.66	.07	.22	-.44	-.30		.12	.12	.043
		27.4	-5.18	1.58	74.24	-1.25	.14	.22	-.44	-2.48		.22	.22	.135
904- 906 169- 1		0.0	59.52	-25.16	49.47	.64	-.17	-6.41	2.44	.60		.09	.09	.138
		6.9	59.54	-35.90	6.48	.41	-.14	-6.41	2.45	.40		.07	.07	.130
		13.7	59.54	-44.97	-18.14	.20	-.06	-6.41	2.45	.53		.05	.05	.136
		20.6	59.54	-46.97	-25.32	.01	-.01	-6.41	2.45	.61		.04	.04	.139
		27.4	59.54	-46.48	-19.99	-.16	.08	-6.41	2.45	.55		.05	.05	.136
905- 906 169- 1		0.0	-57.05	-24.16	20.55	-.14	-.16	5.99	-2.34	-.35		.05	.05	.188
		6.9	-57.03	-37.25	22.54	.09	-.14	5.99	-2.34	-.48		.05	.05	.193
		13.7	-57.03	-46.71	6.15	.30	-.09	5.99	-2.34	-.51		.06	.06	.195
		20.6	-57.03	-51.07	-26.67	.49	-.02	5.99	-2.34	-.63		.07	.07	.200
		27.4	-57.03	-46.95	-74.01	.65	.07	5.99	-2.34	-.97		.09	.09	.211

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACNR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FX KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
906-1004	100- 1	0.0	-151.95	-165.08	-88.25	-1.13	1.40	3.94	-5.53	-1.60		.15	.15	.396
		10.6	-151.78	-27.08	16.80	-.54	.78	3.94	-5.52	-.27		.09	.09	.339
		21.1	-151.63	31.91	50.31	.01	.15	3.94	-5.52	-.51		.03	.03	.348
		31.7	-151.49	9.66	15.37	.55	-.50	3.94	-5.51	-.16		.07	.07	.333
		42.2	-151.34	-95.65	-67.92	1.09	-1.14	3.94	-5.51	-1.10		.13	.13	.373
906-1005	100- 1	0.0	-153.63	-117.60	120.75	1.21	1.21	-2.81	-5.59	-1.44		.14	.14	.392
		10.6	-153.46	-3.00	5.37	.02	.00	-2.81	-5.58	-.05		.07	.07	.333
		21.1	-153.31	31.99	-38.49	.08	-.04	-2.81	-5.58	-.43		.02	.02	.348
		31.7	-153.17	-14.27	-13.90	-.46	-.69	-2.81	-5.57	-.17		.07	.07	.337
		42.2	-153.02	-141.78	79.06	-1.00	-1.33	-2.81	-5.57	-1.39		.13	.13	.389
906-1006	JL9- 1	0.0	-33.89	-147.09	-453.36	-1.21	-2.67	64.68	-.48	-.61		.12	.12	.049
		8.1	-35.53	-294.91	-335.97	-1.21	-.42	64.68	-.50	-.57		.08	.08	.049
		16.2	-37.17	-237.78	-218.58	-1.21	1.55	64.68	-.53	-.41		.10	.10	.043
		24.3	-38.85	-1.74	-101.18	-1.21	3.20	64.68	-.55	-.13		.14	.14	.032
		32.4	-40.52	387.22	16.21	-1.21	4.66	64.68	-.57	-.49		.18	.18	.089
1010- 910	P3- 1	0.0	-614.76	9295.42	3129.37	4.25	-28.65	537.81	-2.08	-3.54		.29	.29	.252
		8.1	-607.76	6562.04	2715.67	4.25	-27.48	537.81	-2.06	-2.56		.29	.29	.210
		16.2	-600.77	3944.14	2301.97	4.25	-26.32	537.81	-2.03	-1.65		.28	.28	.170
		24.3	-593.78	1439.70	1888.26	4.25	-25.15	537.81	-2.01	-.86		.27	.27	.136
		32.4	-586.79	-951.26	1474.56	4.25	-23.98	537.81	-1.98	-.63		.26	.26	.125
1011- 911	P3- 1	0.0	-626.31	8499.59	-3700.93	-5.10	-30.74	-272.19	-2.12	-3.51		.26	.26	.253
		8.1	-619.32	6084.92	-3204.50	-5.10	-29.57	-272.19	-2.09	-2.47		.25	.25	.208
		16.2	-612.33	3643.73	-2708.07	-5.10	-28.40	-272.19	-2.07	-1.52		.24	.24	.167
		24.3	-605.34	536.01	-2211.65	-5.10	-27.24	-272.19	-2.05	-.82		.24	.24	.136
		32.4	-598.35	-2058.24	-1715.22	-5.10	-26.07	-272.19	-2.02	-.97		.23	.23	.141
1012- 912	P3- 1	0.0	550.08	-17746.69	-171.40	-.19	52.17	188.91	1.86	6.40		.39	.39	.355
		8.1	557.07	-12012.58	-152.76	-.19	53.34	188.91	1.88	4.55		.39	.39	.279
		16.2	564.06	-7364.75	-134.13	-.19	54.50	188.91	1.91	2.86		.40	.40	.200
		24.3	571.05	-2005.44	-115.49	-.19	55.67	188.91	1.93	.72		.41	.41	.120
		32.4	578.04	3471.44	-96.86	-.19	56.84	188.91	1.96	1.25		.42	.42	.143
1001-1002	200- 1	0.0	-79.16	25.23	-8.99	1.33	.00	-30.23	-2.08	-.15		.17	.17	.153
		8.0	-79.16	26.77	-94.20	.45	-.02	-30.23	-2.08	-.55		.12	.12	.169
		16.0	-79.16	20.62	-94.72	-.44	-.10	-30.23	-2.08	-.54		.12	.12	.169
		24.0	-79.16	6.76	-10.55	-1.32	-.18	-30.23	-2.08	-.07		.17	.17	.149
		32.0	-79.16	-14.79	158.31	-2.20	-.26	-30.23	-2.08	-.89		.22	.22	.184
1001-1004	200- 1	0.0	-69.21	193.66	-152.44	-.21	-.56	-24.45	-1.82	-1.38		.10	.10	.186
		8.0	-69.21	136.38	-118.42	-.49	-.64	-24.45	-1.82	-1.01		.11	.11	.170
		16.0	-69.25	71.39	-59.62	-.74	-.72	-24.45	-1.82	-.52		.12	.12	.150
		24.0	-69.29	-1.51	23.50	-.98	-.80	-24.45	-1.82	-.13		.13	.13	.133
		32.0	-69.31	-61.70	126.75	-1.17	-.88	-24.45	-1.82	-.84		.15	.15	.164

STRAN MEMBER DETAIL REPORT

LOAD CONDITION NO. 9

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NUMBER	GROUP AND SECTN	DIST FROM END FT.	FORCE FA KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	TORSION MX IN-KIPS	AXIAL STRESS	BENDING STRESS Y	BENDING STRESS Z	Y SHEAR STRESS	Z SHEAR STRESS	COMB. UNITY CHECK
									KSI					
1002-1003	200- 1	0.0	-79.36	-18.10	195.37	2.58	.28	65.55	-2.09	-1.10		.32	.32	.193
		8.0	-79.36	4.60	-9.85	1.69	.20	65.55	-2.09	-.06		.27	.27	.149
		16.0	-79.36	20.00	-130.37	.81	.12	65.55	-2.09	-.74		.23	.23	.178
		24.0	-79.36	27.50	-106.20	-.07	.04	65.55	-2.09	-.94		.19	.19	.186
		32.0	-79.36	27.51	-117.34	-.95	-.04	65.55	-2.09	-.67		.23	.23	.175
1002-1004	140- 1	0.0	5.81	76.35	-20.50	-.34	-.20	-15.67	.36	1.52		.18	.18	.081
		8.0	5.80	53.75	3.48	-.16	-.31	-15.67	.36	1.01		.17	.17	.059
		16.0	5.79	10.37	10.27	.02	-.42	-15.67	.36	.40		.18	.18	.053
		24.0	5.78	-27.79	-.12	.20	-.54	-15.67	.36	.52		.20	.20	.039
		32.0	5.77	-84.73	-27.71	.38	-.65	-15.67	.36	1.67		.22	.22	.087
1002-1005	140- 1	0.0	5.78	91.60	10.98	.28	-.24	11.14	.36	1.74		.15	.15	.090
		8.0	5.77	62.92	-7.49	.10	-.36	11.14	.36	1.19		.15	.15	.067
		16.0	5.76	25.26	-8.77	-.08	-.47	11.14	.36	.47		.16	.16	.036
		24.0	5.75	-27.18	7.14	-.25	-.58	11.14	.36	.53		.18	.18	.039
		32.0	5.74	-80.40	40.23	-.43	-.69	11.14	.36	1.82		.21	.21	.093
1003-1005	200- 1	0.0	-72.89	184.09	247.97	.48	-.68	16.41	-1.92	-1.73		.09	.09	.207
		8.0	-72.89	114.87	188.11	.76	-.76	16.41	-1.92	-1.23		.10	.10	.187
		16.0	-72.93	37.94	102.06	1.02	-.84	16.41	-1.92	-.61		.12	.12	.150
		24.0	-72.97	-46.68	-6.81	1.25	-.92	16.41	-1.92	-.26		.13	.13	.146
		32.0	-72.99	-159.00	-136.59	1.45	-1.00	16.41	-1.92	-1.09		.14	.14	.181
1004-1005	140- 1	0.0	-10.01	-19.92	78.25	1.24	.16	2.12	-.62	-1.52		.18	.18	.100
		8.0	-10.01	-7.59	-10.27	.60	.07	2.12	-.62	-.24		.10	.10	.047
		16.0	-10.01	-6.04	-37.19	-.04	-.04	2.12	-.62	-.71		.03	.03	.066
		24.0	-10.01	-15.27	-2.51	-.68	-.15	2.12	-.62	-.29		.11	.11	.049
		32.0	-10.01	-55.28	93.75	-1.32	-.26	2.12	-.62	-1.68		.19	.19	.116
1004-1006	200- 1	0.0	137.50	124.59	-6.12	.25	-.79	-3.41	3.61	.70		.05	.05	.197
		8.0	137.48	44.73	-22.02	.08	-.87	-3.41	3.61	.28		.06	.06	.179
		16.0	137.47	-42.63	-20.74	-.10	-.95	-3.41	3.61	.27		.06	.06	.179
		24.0	137.47	-130.09	-2.82	-.26	-1.03	-3.41	3.61	.77		.07	.07	.200
		32.0	137.49	-241.05	28.95	-.39	-1.11	-3.41	3.61	1.36		.07	.07	.225
1005-1006	200- 1	0.0	135.47	66.58	10.56	-.03	-.61	-7.33	3.56	.38		.05	.05	.181
		8.0	135.46	4.51	5.27	.15	-.69	-7.33	3.56	.04		.06	.06	.166
		16.0	135.45	-55.25	-17.51	.33	-.77	-7.33	3.56	.38		.06	.06	.181
		24.0	135.45	-142.72	-55.92	.49	-.85	-7.33	3.56	.86		.07	.07	.201
		32.0	135.47	-227.69	-110.16	.61	-.93	-7.33	3.56	1.42		.08	.08	.224

SIKAN GROUP SUMMARY REPORT

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MAL 105.0 FEET - OPERATIONAL STM

MEMBER GROUP I.D.	THREE MOST RESTRICTIVE MEMBERS: FIRST MEMBER NO.	FIRST MAX. U. CK	FIRST LD. CN.	SECOND MEMBER NO.	SECOND MAX. U. CK	SECOND LD. CN.	THIRD MEMBER NO.	THIRD MAX. U. CK	THIRD LD. CN.	TOTAL	NUMBER OF MEMBERS IN GROUP WITH UNITY CK GT 1.33	WITH UNITY CK GT 1.00	WITH UNITY CK LT .50
M1M	203- 205	.66	7	205- 206	.64	8	201- 202	.33	6	12	0	0	10
DAL	304- 406	.11	7	303- 403	.10	8	301- 401	.10	6	9	0	0	9
M06	202- 204	.04	7	202- 205	.03	9	204- 205	.03	6	6	0	0	6
120	203- 306	.09	7	204- 301	.08	9	201- 303	.07	6	3	0	0	3
163	301- 306	.09	7	303- 306	.08	6	301- 303	.07	8	3	0	0	3
JL4	403- 503	.17	8	406- 506	.16	7	401- 501	.14	9	3	0	0	3
M1	512- 712	.25	7	511- 711	.22	8	406- 512	.20	7	6	0	0	6
105	504- 506	.24	7	501- 504	.23	9	503- 505	.22	9	6	0	0	6
JL5	506- 606	.26	7	503- 603	.25	8	501- 601	.22	9	3	0	0	3
200	803- 906	.42	6	906- 901	.40	9	706- 803	.37	9	12	0	0	12
145	504- 505	.14	9	502- 505	.11	6	502- 504	.06	7	3	0	0	3
JL6	626- 656	.27	7	656- 706	.27	7	606- 626	.27	7	9	0	0	9
137	701- 702	.25	8	702- 703	.23	9	703- 705	.21	7	6	0	0	6
JL7	706- 806	.44	7	705- 805	.41	8	701- 801	.22	9	3	0	0	3
107	704- 705	.15	9	702- 705	.11	6	702- 704	.06	7	3	0	0	3
M2	812- 912	.24	7	712- 812	.23	7	811- 911	.22	8	6	0	0	6
140	801- 904	.21	6	804- 806	.19	6	801- 802	.18	9	6	0	0	6
JL8	806- 906	.28	7	803- 903	.22	8	801- 901	.19	9	3	0	0	3
108	804- 805	.14	9	802- 805	.12	6	802- 804	.05	7	3	0	0	3
109	903- 905	.27	8	904- 906	.24	7	905- 906	.24	8	6	0	0	6
JL9	903-1003	.07	8	906-1006	.06	7	901-1001	.04	9	3	0	0	3
100	903-1005	.46	6	906-1005	.44	8	901-1004	.40	7	6	0	0	6
109	904- 905	.14	9	902- 905	.12	6	902- 904	.04	9	3	0	0	3
M3	1012- 912	.43	7	1011- 911	.39	8	1010- 910	.25	9	3	0	0	3
200	1004-1006	.31	7	1005-1006	.31	7	1003-1005	.28	8	6	0	0	6
140	1002-1005	.13	6	1004-1005	.12	6	1002-1004	.10	7	3	0	0	3
							TOTAL MEMBERS			135	0	0	133

STRAN MEMBER STRESS REPORT NO. 1

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
101- 102	W10-01	.243	.014	.189	.040	6	0.0	-4.11	.01	399.49	9.31	.236	8	.236	7
101- 104	W10-01	.243	.015	.189	.039	6	0.0	-4.53	-.01	400.58	8.91	.237	8	.233	7
101- 201	DAL-01	.056	.013	.009	.035	6	15.0	-23.74	-14.95	293.14	-592.22	.056	9	.056	6
102- 103	W10-01	.241	.014	.195	.033	7	14.5	-4.15	-.02	409.58	7.67	.240	9	.222	8
102- 104	W08-01	.017	.001	.015	.001	7	7.2	-.06	-.00	-7.51	.15	.016	9	.016	8
102- 105	W08-01	.019	.001	.015	.002	6	7.2	-.12	.00	-7.61	-.26	.018	8	.018	7
103- 105	W10-01	.244	.022	.191	.031	9	0.0	-6.30	.02	405.18	7.14	.242	7	.225	8
103- 203	DAL-01	.077	.013	.025	.040	8	15.0	-25.60	5.46	609.15	767.17	.077	9	.072	6
104- 105	W08-01	.019	.002	.015	.002	9	7.3	-.13	-.00	-7.57	.28	.019	7	.018	8
104- 106	W10-01	.229	.014	.195	.021	8	14.5	-4.16	.01	411.94	-4.75	.224	6	.221	9
105- 106	W10-01	.227	.021	.192	.014	8	14.5	-6.11	-.01	405.87	-3.28	.225	6	.221	9
106- 206	DAL-01	.080	.013	.066	.001	7	15.0	-24.44	4.29	-1015.65	-126.07	.079	6	.074	8
201- 202	W10-01	.328	.011	.277	.040	6	0.0	3.87	.05	585.64	9.31	.315	7	.313	8
201- 204	W10-01	.328	.009	.277	.042	6	0.0	3.24	-.05	585.61	9.72	.316	8	.316	7
201- 301	DAL-01	.059	.026	.006	.026	6	0.0	-49.63	93.91	-215.44	446.66	.059	7	.057	9
201- 303	120-01	.068	.014	.054	.000	6	32.6	-4.26	-2.82	72.63	-5.27	.060	9	.058	8
202- 203	W10-01	.315	.007	.276	.032	7	14.5	2.33	-.05	584.12	7.45	.313	9	.297	6
202- 204	W08-01	.040	.001	.035	.001	7	7.2	-.06	.00	-16.90	.13	.039	9	.038	8
202- 205	W08-01	.029	.001	.023	.006	9	0.0	.08	-.02	11.36	-.54	.029	6	.028	7
203- 205	W10-01	.657	.011	.616	.030	7	0.0	3.79	-.06	1303.68	-6.93	.644	9	.630	6
203- 303	DAL-01	.065	.035	.026	.027	7	0.0	-61.66	-53.94	-563.68	-571.49	.065	6	.063	8
203- 306	120-01	.066	.019	.066	.001	7	32.6	-5.06	-1.39	89.76	12.45	.062	6	.062	8
204- 205	W08-01	.027	.001	.023	.004	6	0.0	.12	.02	11.58	-.31	.027	7	.026	9
204- 206	W10-01	.305	.007	.280	.019	8	14.5	2.50	.05	591.83	-4.45	.302	9	.301	6
205- 206	W10-01	.656	.006	.614	.015	8	14.5	2.04	.06	1300.69	-3.58	.630	6	.627	9
206- 301	120-01	.079	.020	.055	.004	9	32.6	-6.14	-5.98	77.44	21.63	.072	8	.065	7
206- 306	DAL-01	.098	.036	.059	.003	9	15.0	-67.16	2.78	-925.75	224.83	.087	8	.082	7
301- 303	120-01	.068	.009	.042	.017	8	0.0	3.06	-5.72	67.38	-42.85	.053	6	.053	7
301- 306	120-01	.086	.020	.065	.002	7	29.0	-6.45	1.38	88.45	-14.98	.063	9	.062	8
301- 401	DAL-01	.095	.040	.049	.009	6	21.4	-71.19	117.16	816.13	357.02	.098	8	.078	9
303- 306	120-01	.065	.023	.056	.003	6	29.0	9.76	-.97	77.70	19.30	.082	7	.074	8
303- 403	DAL-01	.101	.045	.051	.005	8	28.5	-80.73	58.03	805.66	-248.83	.098	6	.083	9
306- 406	DAL-01	.114	.048	.049	.016	7	20.5	-80.66	-16.95	-862.73	498.39	.105	6	.101	9
401- 501	JL4-01	.135	.062	.000	.054	9	4.6	447.93	80.02	-55.73	-3610.93	.118	7	.099	8
401- 510	P1-01	.102	.110	.000	.072	9	0.0	-521.75	-2.51	-112.02	3647.79	.156	8	.151	6
403- 503	JL4-01	.167	.127	.002	.038	8	4.6	697.44	-104.32	-620.09	2633.28	.161	9	.153	6
403- 511	P1-01	.198	.112	.001	.085	9	0.0	-533.50	64.18	-378.53	-4330.71	.184	8	.143	7
406- 506	JL4-01	.165	.150	.012	.004	7	4.6	821.56	26.78	-889.28	498.03	.156	9	.142	6
406- 512	P1-01	.200	.192	.007	.001	7	0.0	-912.62	36.39	-449.84	120.04	.185	6	.150	9
501- 502	105-01	.190	.108	.014	.068	9	15.1	-56.94	32.14	-89.69	197.00	.148	6	.136	7
501- 504	105-01	.252	.086	.047	.049	9	0.0	56.23	-1.21	315.28	-225.14	.226	7	.222	6
501- 601	JL5-01	.215	.133	.000	.062	9	0.0	411.93	213.11	121.79	-3094.88	.192	7	.166	8
501- 622	200-01	.214	.084	.059	.078	6	0.0	69.54	-46.25	378.35	-422.66	.207	8	.175	9
502- 503	105-01	.191	.110	.014	.068	9	0.0	-60.08	-29.65	-89.03	193.35	.138	7	.113	8
502- 504	105-01	.062	.021	.014	.027	7	15.2	-4.51	6.06	17.18	23.55	.059	9	.055	8
502- 505	105-01	.114	.044	.007	.062	6	0.0	-9.09	-5.46	-16.19	-46.66	.113	8	.079	7
503- 505	105-01	.220	.076	.040	.054	9	0.0	-41.49	-19.33	301.34	233.19	.215	8	.116	7
503- 603	JL5-01	.251	.187	.004	.068	8	0.0	576.72	17.77	-594.75	2348.46	.240	6	.235	9

STRAN MEMBER STRESS REPORT NO. 1

U.S. NAVY - ACMH PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT IND HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
503- 625	200-01	.269	.158	.108	.003	9	0.0	130.08	-28.59	464.69	-79.73	.261	8	.250	7
504- 505	105-01	.137	.045	.002	.090	9	15.2	-9.75	.58	-8.35	64.81	.130	7	.103	8
504- 506	105-01	.241	.155	.082	.003	7	15.2	-84.58	17.25	248.71	52.12	.222	6	.150	8
505- 506	105-01	.165	.033	.097	.033	6	15.2	21.54	-9.55	297.81	174.52	.152	8	.121	7
509- 606	JL5-01	.257	.240	.015	.000	7	0.1	741.09	93.37	623.67	107.45	.246	9	.228	6
508- 624	200-01	.269	.112	.009	.147	8	0.0	-85.66	-46.18	-156.45	-642.04	.255	7	.255	9
510- 710	P1-01	.184	.116	.000	.069	9	0.0	-525.14	-42.54	-29.71	3482.65	.152	8	.146	6
511- 711	P1-01	.220	.179	.040	.001	8	25.3	-812.92	85.71	2372.98	-328.50	.200	9	.148	6
512- 712	P1-01	.247	.206	.042	.000	7	25.3	-933.14	99.47	2449.28	99.55	.214	6	.173	9
601- 621	JL6-01	.152	.129	.000	.024	9	0.0	397.19	-65.34	-46.64	-893.78	.128	7	.084	8
603- 623	JL6-01	.207	.161	.016	.009	8	9.1	556.67	153.21	780.54	-593.22	.188	6	.153	9
606- 626	JL6-01	.270	.239	.029	.002	7	6.1	739.10	93.02	1111.02	-273.72	.236	6	.234	9
621- 651	JL6-01	.162	.127	.000	.035	9	6.1	392.07	-63.99	70.77	1323.40	.143	7	.074	8
622- 705	200-01	.231	.065	.023	.123	8	21.8	-84.04	46.20	-244.68	569.28	.224	6	.156	9
623- 653	JL6-01	.232	.160	.019	.033	8	6.1	556.55	154.68	1179.41	-1572.72	.217	6	.151	9
624- 701	200-01	.224	.114	.002	.109	8	21.9	-86.36	-46.06	-56.51	-464.71	.211	9	.201	6
625- 706	200-01	.249	.170	.023	.057	7	21.9	-120.37	25.09	-207.37	529.74	.245	9	.214	6
626- 656	JL6-01	.273	.239	.027	.006	7	4.6	737.19	92.58	1152.18	-560.06	.245	9	.236	6
651- 701	JL6-01	.165	.154	.000	.029	9	0.0	414.10	-387.28	63.80	1098.96	.155	7	.067	8
653- 703	JL6-01	.241	.191	.019	.031	8	0.0	598.94	263.16	1180.57	-1494.15	.235	6	.150	9
656- 706	JL6-01	.273	.239	.025	.009	7	0.0	736.56	92.28	1107.54	-655.50	.248	9	.233	6
701- 702	157-01	.252	.140	.001	.111	8	18.8	-40.33	7.47	-14.52	150.45	.222	9	.205	6
701- 704	157-01	.129	.025	.001	.102	6	18.8	-7.22	-7.07	-14.77	-137.02	.126	9	.114	8
701- 801	JL7-01	.219	.159	.011	.049	9	14.2	243.49	-125.77	474.50	1005.18	.205	7	.113	6
701- 806	200-01	.336	.252	.070	.014	7	0.0	-157.24	-3.15	-329.75	-145.84	.291	6	.286	9
702- 703	157-01	.229	.119	.002	.108	9	0.0	-34.43	-10.85	-21.57	146.71	.218	6	.187	7
702- 704	107-01	.060	.021	.002	.037	7	0.0	-4.50	2.28	-8.21	27.17	.058	9	.024	6
702- 705	107-01	.111	.031	.001	.080	6	18.8	-8.35	-.91	4.92	-56.91	.105	8	.049	7
703- 705	157-01	.213	.127	.001	.086	7	18.8	-36.74	1.87	-8.98	115.86	.178	9	.169	6
703- 801	200-01	.307	.145	.011	.151	6	0.0	-90.05	12.53	-178.83	664.22	.274	8	.165	9
705- 803	JL7-01	.408	.325	.041	.042	8	7.1	495.64	-163.75	1095.65	-1105.74	.394	6	.301	9
704- 705	107-01	.147	.054	.000	.113	9	0.0	-8.99	.03	3.03	80.44	.137	7	.126	8
704- 706	157-01	.044	.042	.001	.051	6	0.0	-12.22	11.42	-11.07	-69.05	.078	8	.069	9
705- 706	157-01	.208	.135	.058	.013	6	18.8	-38.94	-2.16	86.41	40.99	.190	7	.129	9
706- 803	200-01	.305	.257	.039	.009	9	0.0	-180.59	4.43	-278.51	370.61	.355	8	.322	7
706- 806	JL7-01	.438	.366	.056	.013	7	7.1	561.05	-113.08	1174.15	-572.02	.408	9	.357	6
710- 810	P2-01	.137	.106	.005	.026	9	0.0	-542.20	-197.54	727.56	1633.25	.089	8	.084	6
711- 811	P2-01	.202	.163	.039	.000	8	26.4	-833.70	-358.83	2574.01	116.01	.154	9	.133	6
712- 812	P2-01	.231	.187	.045	.000	7	26.4	-955.94	-198.98	2963.37	-17.69	.203	6	.159	9
801- 802	148-01	.165	.085	.003	.096	9	22.8	-24.80	12.34	-29.64	160.19	.140	7	.126	8
801- 804	148-01	.213	.112	.001	.099	6	22.8	-33.29	-13.99	-18.27	-164.31	.179	7	.162	8
801- 901	JL6-01	.190	.154	.006	.031	9	6.1	634.44	173.40	275.64	632.43	.184	7	.079	8
801- 903	200-01	.306	.158	.006	.142	8	59.6	-90.12	13.80	-131.00	644.20	.258	6	.154	7
802- 803	148-01	.181	.064	.003	.094	9	0.0	-24.99	-18.33	-27.45	157.27	.139	7	.049	8
802- 804	108-01	.047	.017	.011	.019	7	0.0	-5.26	5.53	-12.63	16.77	.046	9	.029	8
803- 805	108-01	.117	.030	.001	.085	6	0.0	-5.73	-5.58	-8.07	-60.89	.109	8	.052	7
803- 805	148-01	.174	.094	.072	.009	8	0.0	-27.08	-.14	124.68	43.60	.136	9	.068	7
803- 903	JL6-01	.219	.184	.020	.002	8	6.1	280.46	-91.27	553.98	-164.09	.215	6	.130	9

STRAN MEMBER STRESS REPORT NO. 1

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	UNITY CHECK MAXIMUM COMBINED UNITY CK	UNITY CHECK COMPONENT VALUES AXIAL	Y-AXIS	Z-AXIS	LOAD COND NO.	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	NEXT TWO HIGH CASES COMBINED UNITY CK	LD CN	COMBINED UNITY CK	LD CN
803- 906	200-01	.420	.334	.061	.005	6	0.0	-190.02	10.26	-321.42	-80.73	.387	7	.315	8
804- 805	100-01	.138	.032	.000	.106	9	22.8	-6.10	-1.18	-1.79	75.21	.130	7	.109	8
804- 806	140-01	.189	.124	.002	.063	6	0.0	-36.92	10.42	-19.41	-104.43	.185	7	.134	8
805- 806	140-01	.126	.058	.059	.028	6	22.6	17.59	-2.46	117.88	81.19	.115	8	.062	7
805- 901	200-01	.400	.294	.054	.052	9	0.0	-157.17	-4.73	-300.17	-293.98	.322	8	.316	7
805- 906	JL6-01	.280	.243	.034	.003	7	16.2	370.63	56.60	664.00	207.84	.267	9	.265	6
810- 910	P2-01	.147	.116	.009	.022	9	32.4	-586.76	394.73	-949.99	-1475.68	.084	8	.077	6
811- 911	P2-01	.217	.170	.045	.002	8	32.4	-857.46	-370.01	-3015.72	673.15	.165	9	.146	6
812- 912	P2-01	.242	.195	.044	.000	7	32.4	-977.68	54.38	-3189.17	-93.76	.210	6	.167	9
901- 902	100-01	.200	.126	.013	.061	6	0.0	-41.42	-4.74	66.42	146.31	.137	8	.101	7
901- 904	100-01	.231	.178	.013	.040	7	0.0	-58.37	-5.58	-60.88	111.04	.185	6	.174	9
901-1001	JL4-01	.045	.019	.012	.012	9	0.0	29.25	173.98	321.48	-319.76	.040	6	.040	8
901-1002	180-01	.248	.189	.016	.043	8	42.2	-87.69	26.84	-92.67	148.96	.211	6	.072	7
901-1004	180-01	.401	.336	.060	.006	7	42.2	-155.78	-4.83	-171.37	-52.36	.306	9	.254	6
902- 903	100-01	.153	.115	.002	.036	6	27.4	-37.75	10.86	-20.61	-80.24	.102	8	.098	7
902- 904	100-01	.040	.010	.017	.013	9	0.0	2.57	-3.55	16.14	-13.81	.039	7	.033	8
902- 905	100-01	.121	.029	.001	.090	6	0.0	-4.97	-2.08	-8.07	-64.61	.111	8	.049	7
903- 905	100-01	.206	.213	.053	.000	8	0.0	-69.75	3.30	111.51	1.07	.258	9	.175	7
903-1002	180-01	.272	.196	.011	.064	6	0.0	-91.22	-9.73	-86.23	206.21	.232	8	.070	9
903-1003	JL4-01	.068	.029	.001	.038	8	0.0	43.73	-284.57	-113.05	724.74	.063	9	.056	6
903-1005	180-01	.459	.383	.074	.002	6	0.0	-177.66	.12	-200.82	-32.86	.412	7	.354	8
904- 905	100-01	.135	.031	.000	.104	9	27.4	-5.18	.22	1.58	74.24	.125	7	.106	8
904- 906	100-01	.254	.194	.044	.001	7	27.4	-65.68	9.91	94.14	11.47	.166	6	.134	9
905- 906	100-01	.237	.194	.030	.013	6	27.4	-63.49	-.72	-78.35	-56.20	.211	9	.179	6
906-1004	180-01	.396	.327	.053	.015	9	0.0	-151.95	3.94	-165.68	-88.25	.323	7	.266	8
906-1005	180-01	.442	.377	.064	.001	8	42.2	-175.12	9.05	-170.89	16.91	.392	9	.350	6
906-1006	JL4-01	.058	.032	.000	.026	7	0.0	48.34	-67.69	40.78	485.47	.053	6	.049	9
1010- 910	P3-01	.252	.103	.134	.015	9	0.0	-614.76	537.61	9293.42	3129.37	.183	7	.117	8
1011- 911	P3-01	.388	.149	.238	.001	8	0.0	-885.48	-917.56	15698.72	-1205.19	.319	6	.253	9
1012- 912	P3-01	.452	.157	.275	.000	7	0.0	-1005.72	-195.01	18089.18	170.48	.384	6	.355	9
1001-1002	200-01	.184	.146	.000	.037	9	32.0	-79.16	-36.23	-14.79	158.31	.138	7	.092	8
1001-1004	200-01	.186	.128	.036	.022	9	0.0	-69.21	-24.45	193.68	-152.44	.155	7	.090	6
1002-1003	200-01	.282	.230	.017	.036	8	32.0	-124.42	39.89	128.01	201.93	.213	6	.193	9
1002-1004	140-01	.104	.021	.080	.003	7	0.0	-5.65	13.74	-103.05	21.50	.097	8	.093	6
1002-1005	140-01	.128	.034	.045	.049	6	0.0	-9.23	-5.74	-82.67	-85.64	.113	7	.109	8
1003-1005	200-01	.203	.221	.062	.001	8	0.0	-119.46	-.45	256.82	-26.89	.217	6	.207	9
1004-1005	140-01	.118	.034	.052	.053	8	0.0	-9.27	9.78	-65.28	84.59	.116	9	.105	7
1004-1006	200-01	.314	.255	.057	.002	7	32.0	-137.80	-6.56	234.73	-46.78	.247	6	.225	9
1005-1006	200-01	.312	.250	.048	.014	7	32.0	-135.59	18.21	224.25	129.42	.279	6	.224	9

STRAN MEMBER STRESS REPORT NO. 2

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND	DIST FROM END(I)	/-------- CONTROLLING MEMBER ACTIONS --------/ FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	Z-AXIS SHEAR UNITY CK	LD CN	Y-AXIS SHEAR UNITY CK	LD CN	KLY/RY	KLZ/RZ	NEXT HIGH UN.CK.	LD CN
101- 102	W10-01	.243	6	0.0	-4.11	.01	399.49	9.31	.076	9	.001	6	49.5	55.2	.236	8
101- 104	W10-01	.245	6	0.0	-4.35	-.01	400.58	8.91	.076	9	.001	6	49.4	55.2	.237	8
101- 201	DKL-01	.056	8	15.0	-23.74	-14.95	293.14	-592.22	.013	6	.012	8	17.5	17.5	.056	9
102- 103	W10-01	.241	7	14.5	-4.15	-.02	409.36	7.67	.077	7	.001	7	49.5	55.2	.240	9
102- 104	W08-01	.017	7	7.2	-.06	-.00	-7.51	.15	.006	8	.000	6	50.9	108.3	.016	9
102- 105	W08-01	.019	6	7.2	-.12	.00	-7.61	-.26	.006	7	.000	9	50.9	108.3	.018	8
103- 105	W10-01	.244	9	0.0	-6.30	.02	405.18	7.14	.076	7	.000	9	49.4	55.2	.242	7
103- 203	DKL-01	.077	6	15.0	-23.80	5.46	609.15	767.17	.016	9	.015	9	17.5	17.5	.077	9
104- 105	W08-01	.019	9	7.3	-.15	-.00	-7.57	.28	.006	9	.000	9	50.9	108.4	.019	7
104- 106	W10-01	.229	6	14.5	-4.16	.01	411.94	-4.75	.150	7	.000	8	49.5	55.2	.224	6
105- 106	W10-01	.227	8	14.5	-6.11	-.01	405.87	-5.28	.076	9	.000	8	49.5	55.2	.225	6
105- 206	DKL-01	.080	7	15.0	-24.44	4.29	-1015.85	-126.07	.016	7	.015	7	17.5	17.5	.079	6
201- 202	W10-01	.328	6	0.0	3.87	.05	565.64	9.31	.109	9	.001	6	49.5	55.2	.315	7
201- 204	W10-01	.328	6	0.0	3.24	-.05	505.61	9.72	.109	7	.001	6	49.4	55.2	.316	8
201- 301	DKL-01	.059	6	0.0	-49.63	93.91	-215.44	446.66	.017	6	.012	6	17.5	17.5	.059	7
201- 303	120-01	.068	6	32.6	-4.26	-2.82	72.65	-5.27	.013	7	.010	7	72.3	72.3	.060	9
202- 203	W10-01	.315	7	14.5	2.35	-.05	504.12	7.45	.110	7	.001	9	49.5	55.2	.313	9
202- 204	W08-01	.040	7	7.2	-.06	.00	-18.90	.13	.006	7	.000	6	50.9	108.3	.039	9
202- 205	W08-01	.029	9	0.0	.06	-.02	11.36	-.54	.009	6	.001	9	50.9	108.3	.029	6
203- 205	W10-01	.657	7	0.0	3.79	-.06	1305.68	-6.93	.245	7	.001	9	49.4	55.2	.644	9
203- 303	DKL-01	.065	7	0.0	-61.66	-53.94	-563.68	-571.49	.018	7	.015	7	17.5	17.5	.065	6
203- 306	120-01	.066	7	32.6	-5.86	-1.39	89.76	12.45	.012	6	.010	6	72.3	72.3	.062	6
204- 205	W08-01	.027	8	0.0	.12	.02	11.38	-.31	.009	8	.001	9	50.9	108.4	.027	7
204- 206	W10-01	.305	6	14.5	2.30	.05	591.85	-4.45	.180	9	.000	8	49.5	55.2	.302	9
205- 206	W10-01	.656	6	14.5	2.08	.06	1300.69	-3.58	.245	9	.000	8	49.5	55.2	.630	6
205- 301	120-01	.079	9	32.6	-6.14	-5.98	77.44	21.63	.018	8	.013	8	72.3	72.3	.072	8
205- 306	DKL-01	.098	9	15.0	-67.16	2.78	-925.75	224.83	.015	9	.015	9	17.5	17.5	.087	8
301- 303	125-01	.066	6	0.0	5.66	-5.72	67.38	-42.85	.014	8	.011	6	64.2	64.2	.053	6
301- 306	125-01	.086	7	29.0	-6.45	1.36	86.45	-14.98	.010	7	.009	7	64.2	64.2	.083	9
301- 401	DKL-01	.098	6	21.4	-71.19	117.16	816.13	357.02	.021	6	.015	6	33.3	33.3	.093	8
303- 306	125-01	.065	6	29.0	9.76	-.97	77.70	19.30	.012	7	.010	7	64.2	64.2	.062	7
303- 403	DKL-01	.101	8	20.5	-80.73	58.03	805.66	-248.83	.032	9	.023	9	33.3	33.3	.098	6
306- 406	DKL-01	.114	7	20.5	-86.86	-16.95	-862.73	498.39	.023	9	.021	9	33.3	33.3	.105	6
401- 501	DL4-01	.135	9	4.6	447.93	60.02	-55.73	-3610.93	.010	7	.010	7	3.3	3.3	.118	7
401- 510	P1-01	.162	9	0.0	-521.75	-2.31	-112.06	3647.79	.011	6	.009	6	3.9	3.9	.156	8
403- 503	DL4-01	.167	8	4.6	597.44	-104.32	-620.09	2633.28	.023	6	.021	6	3.3	3.3	.161	9
403- 511	P1-01	.194	9	0.0	-535.50	64.16	-378.55	-4330.71	.005	7	.005	7	3.9	3.9	.169	8
406- 506	DL4-01	.165	7	4.6	621.56	28.78	-869.28	498.03	.017	9	.017	9	3.3	3.3	.156	9
406- 512	P1-01	.200	7	0.0	-412.62	36.39	-449.84	120.04	.010	6	.008	6	3.9	3.9	.185	6
501- 5 2	105-01	.190	9	15.1	-58.94	52.14	-84.89	197.00	.045	8	.032	8	53.5	26.7	.148	6
501- 5 4	105-01	.232	9	0.0	56.23	-1.21	315.26	-225.14	.037	6	.029	6	53.5	26.7	.226	7
501- 601	DL5-01	.215	9	0.0	411.93	213.11	121.79	-3094.86	.048	8	.047	8	4.5	4.5	.192	7
501- 622	200-01	.218	6	0.0	69.54	-48.25	378.35	-422.86	.051	7	.041	7	28.6	28.6	.207	8
502- 503	105-01	.141	9	0.0	-68.06	-29.65	-89.65	193.35	.039	9	.029	9	53.5	26.7	.138	7
502- 504	105-01	.062	7	15.2	-4.51	8.06	17.16	23.55	.028	6	.018	7	49.5	49.5	.059	9
502- 505	105-01	.114	6	0.0	-7.69	-3.46	-16.19	-48.56	.027	7	.019	8	49.5	49.5	.113	8
503- 505	105-01	.220	9	0.0	-41.49	-19.35	301.54	233.14	.027	7	.021	9	53.5	26.7	.215	6
503- 603	DL5-01	.251	6	0.0	576.72	17.77	-594.75	2348.46	.045	9	.045	9	4.5	4.5	.240	6

STRAN MEMBER STRESS REPORT NO. 2

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS: FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	Z-AXIS SHEAR UNITY CK	LD CN	Y-AXIS SHEAR UNITY CK	LD CN	KLY/RY	KLZ/RZ	NEXT HIGH UN.CK.	LD CN
503- 625	200-01	.209	9	0.0	130.08	-28.59	464.69	-79.73	.030	9	.025	9	28.4	28.4	.261	8
504- 505	105-01	.157	9	15.2	-9.75	.56	-8.35	64.81	.024	8	.021	7	89.5	89.5	.130	7
504- 506	105-01	.241	7	15.2	-54.58	17.25	248.71	52.12	.026	6	.022	6	53.5	26.7	.222	6
505- 506	105-01	.165	6	15.2	21.34	-9.55	297.81	174.52	.021	6	.018	6	53.5	26.7	.152	8
506- 606	JL5-01	.257	7	6.1	741.69	93.37	623.67	107.45	.021	9	.019	9	4.5	4.5	.246	9
506- 624	200-01	.269	8	0.0	-85.66	-46.16	-156.45	-642.04	.045	8	.036	8	28.4	28.4	.255	7
510- 710	P1-01	.164	9	0.0	-525.14	-42.54	-29.71	3482.65	.018	6	.012	6	21.4	21.4	.152	8
511- 711	P1-01	.220	8	25.5	-812.92	85.71	2372.98	-328.50	.017	9	.012	9	21.4	21.4	.200	9
512- 712	P1-01	.247	7	25.5	-955.14	49.47	2449.26	49.55	.013	8	.010	8	21.4	21.4	.214	6
601- 621	JL6-01	.152	9	0.0	597.19	-63.34	-46.64	-893.78	.043	8	.036	8	4.5	4.5	.128	7
603- 623	JL6-01	.207	8	6.1	558.87	155.21	780.54	-593.26	.042	9	.036	9	4.5	4.5	.188	6
606- 626	JL6-01	.270	7	6.1	754.10	93.02	1111.02	-275.72	.018	9	.016	9	4.5	4.5	.236	6
621- 651	JL6-01	.102	9	6.1	392.07	-63.99	70.77	1323.40	.038	8	.031	8	4.5	4.5	.143	7
622- 703	200-01	.231	8	21.8	-84.04	46.20	-248.66	569.28	.053	7	.042	7	30.5	30.5	.224	6
623- 653	JL6-01	.232	6	6.1	556.35	154.68	1179.41	-1572.72	.038	9	.031	9	4.5	4.5	.217	6
626- 701	200-01	.224	8	21.9	-86.36	-46.06	-56.51	-464.71	.045	8	.036	8	30.7	30.7	.211	9
625- 706	200-01	.249	7	21.9	-128.37	25.09	-207.37	329.74	.030	9	.024	9	30.7	30.7	.245	9
626- 656	JL6-01	.273	7	4.6	737.19	92.56	1152.16	-560.06	.012	9	.010	9	4.5	4.5	.245	9
651- 701	JL6-01	.165	9	0.0	414.10	-387.28	63.80	1098.96	.043	6	.028	7	5.3	5.3	.155	7
653- 703	JL6-01	.241	6	0.0	584.94	263.16	1180.57	-1494.15	.035	9	.022	7	5.3	5.3	.235	6
656- 706	JL6-01	.275	7	0.0	736.56	92.26	1107.54	-655.50	.018	6	.015	6	5.3	5.3	.248	9
701- 702	137-01	.252	8	18.6	-40.33	7.47	-14.52	150.45	.037	9	.029	9	83.1	41.5	.222	9
701- 704	137-01	.124	6	18.6	-7.22	-7.67	-14.71	-137.62	.029	6	.024	6	83.1	41.5	.126	9
701- 801	JL7-01	.219	9	14.2	243.49	-125.77	474.50	1005.18	.036	8	.029	7	21.4	21.4	.205	7
701- 806	200-01	.335	7	0.0	-157.24	-3.15	-329.75	-145.84	.027	6	.025	6	70.3	70.3	.291	6
702- 703	137-01	.229	9	0.0	-34.43	-10.85	-21.57	146.71	.036	9	.030	9	83.1	41.5	.216	8
702- 704	107-01	.060	7	0.0	-4.30	2.20	-6.21	27.17	.012	7	.010	7	61.3	61.3	.058	9
702- 705	107-01	.111	6	18.6	-5.35	-.91	8.92	-56.91	.021	6	.020	6	61.3	61.3	.105	8
703- 705	137-01	.213	7	18.6	-36.74	1.87	-8.96	115.86	.014	7	.013	7	83.1	41.5	.178	9
703- 801	200-01	.307	6	0.0	-90.65	12.53	-176.83	604.22	.034	9	.033	9	70.3	70.3	.274	8
703- 803	JL7-01	.408	8	7.1	495.64	-163.75	1095.65	-1105.74	.043	6	.034	6	21.4	21.4	.394	6
704- 705	107-01	.147	9	0.0	-6.99	.63	3.05	80.44	.027	9	.026	9	61.3	61.3	.137	7
704- 706	137-01	.094	6	0.0	-12.22	11.42	-11.07	-69.05	.028	6	.021	6	83.1	41.6	.078	8
705- 706	137-01	.206	6	18.6	-34.94	-2.16	66.41	40.99	.011	7	.008	9	83.1	41.6	.190	7
705- 805	200-01	.305	9	0.0	-160.59	4.43	-278.51	370.61	.019	7	.018	7	70.3	70.3	.355	8
705- 806	JL7-01	.436	7	7.1	561.85	-113.08	1174.15	-572.02	.034	7	.029	7	21.4	21.4	.408	9
710- 810	P2-01	.157	9	0.0	-542.20	-147.54	767.56	1633.25	.016	6	.010	6	24.1	24.1	.089	8
711- 811	P2-01	.202	6	28.4	-833.70	-358.85	2574.01	116.01	.014	6	.008	6	24.1	24.1	.156	9
712- 812	P2-01	.231	7	28.4	-955.94	-194.98	2963.37	-17.69	.008	9	.005	9	24.1	24.1	.203	6
801- 802	140-01	.103	9	22.8	-24.80	12.34	-29.84	160.19	.031	9	.024	9	91.6	45.8	.140	7
801- 804	140-01	.213	6	22.8	-53.29	-13.99	-184.27	-184.31	.031	6	.024	6	91.6	45.8	.179	7
801- 901	JL6-01	.190	9	6.1	234.44	175.40	275.64	632.43	.032	9	.025	9	24.5	24.5	.164	7
801- 903	200-01	.306	6	59.6	-90.12	13.80	-151.00	644.20	.032	9	.027	9	83.5	83.5	.258	6
802- 803	140-01	.101	9	0.0	-24.99	-14.53	-27.45	157.27	.030	9	.027	9	91.6	45.8	.139	7
802- 804	140-01	.067	7	0.0	-5.20	5.53	-12.65	16.77	.013	7	.009	7	74.5	74.5	.046	9
803- 805	140-01	.117	6	0.0	-5.75	-3.58	-6.87	-60.89	.023	6	.018	6	74.5	74.5	.109	8
803- 805	140-01	.174	6	0.0	-27.86	-.14	124.66	83.80	.012	7	.010	7	91.6	45.8	.136	9
803- 903	JL6-01	.219	8	6.1	208.96	-91.27	553.96	-184.09	.025	6	.021	8	24.5	24.5	.215	6

STRAN MEMBER STRESS REPORT NO. 2

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND	DIST FROM END(FT)	CONTROLLING MEMBER ACTIONS: FORCE FX KIPS	TORSION MX IN-KIPS	MOMENT MY IN-KIPS	MOMENT MZ IN-KIPS	Z-AXIS SHEAR UNITY CK	LD CN	Y-AXIS SHEAR UNITY CK	LD CN	KLY/RY	KLZ/RZ	NEXT HIGH UN.CK.	LD CN
803- 906	200-01	.420	6	0.0	-190.02	10.26	-321.42	-80.73	.016	9	.014	9	83.5	83.5	.387	7
804- 805	100-01	.138	9	22.8	-5.10	-1.16	-1.79	75.21	.022	9	.020	9	74.5	74.5	.130	7
804- 806	140-01	.169	6	0.0	-36.92	10.42	-19.41	-104.43	.023	6	.017	6	91.6	45.8	.185	7
805- 806	140-01	.126	6	22.8	17.59	-2.46	117.86	81.19	.015	7	.010	7	91.6	45.8	.115	8
806- 901	200-01	.300	9	0.0	-167.17	-4.73	-300.17	-293.98	.029	6	.025	6	83.5	83.5	.322	8
806- 906	JL6-01	.280	7	16.2	370.63	56.60	804.00	207.86	.041	6	.028	6	24.5	24.5	.267	9
810- 910	P2-01	.147	9	32.4	-506.76	394.73	-949.99	-1475.68	.017	7	.011	7	27.5	27.5	.084	8
811- 911	P2-01	.217	6	32.4	-857.46	-370.01	-3015.72	675.15	.021	6	.016	6	27.5	27.5	.165	9
812- 912	P2-01	.242	7	32.4	-977.68	54.38	-3189.17	-93.76	.030	6	.019	6	27.5	27.5	.210	6
901- 902	100-01	.200	6	0.0	-41.42	-4.74	65.42	146.31	.026	9	.020	9	96.0	48.0	.137	8
901- 904	100-01	.231	7	0.0	-58.37	-5.56	-80.86	111.04	.021	6	.017	6	96.0	48.0	.185	6
901-1001	JL4-01	.043	9	0.0	29.25	173.96	321.46	-319.76	.027	9	.019	9	24.5	24.5	.040	6
901-1002	180-01	.248	8	42.2	-67.69	26.84	-92.67	148.96	.029	6	.020	6	65.5	65.5	.211	6
901-1004	180-01	.401	7	42.2	-155.78	-4.83	-171.37	-52.36	.027	8	.019	8	65.5	65.5	.306	9
902- 903	100-01	.153	6	27.4	-37.75	10.86	-20.41	-80.24	.025	9	.019	9	96.0	48.0	.102	8
902- 904	100-01	.040	9	0.0	2.57	-3.55	16.14	-13.81	.013	7	.008	7	89.5	89.5	.039	7
902- 905	100-01	.141	6	0.0	-4.37	-2.08	-6.07	-64.61	.017	6	.014	6	89.5	89.5	.111	8
903- 905	100-01	.265	8	0.0	-69.75	3.30	111.51	1.07	.009	7	.007	7	96.0	48.0	.256	9
903-1002	180-01	.272	6	0.0	-91.22	-9.73	-86.23	206.21	.021	7	.017	7	65.5	65.5	.232	8
903-1003	JL4-01	.408	6	0.0	43.73	-284.57	-113.05	724.74	.038	8	.025	8	24.5	24.5	.063	9
903-1005	180-01	.459	6	0.0	-177.46	.12	-209.82	-32.86	.022	7	.016	7	65.5	65.5	.412	7
904- 905	100-01	.135	9	27.4	-5.16	.22	1.56	74.24	.017	8	.015	9	89.6	89.6	.125	7
904- 906	100-01	.234	7	27.4	-63.68	9.91	94.14	11.47	.022	6	.015	6	96.0	48.0	.166	6
905- 906	100-01	.237	8	27.4	-63.49	-.72	-78.35	-56.20	.012	7	.009	7	96.0	48.0	.211	9
906-1004	180-01	.396	9	0.0	-151.95	3.94	-165.66	-88.25	.023	6	.018	6	65.5	65.5	.363	7
906-1005	180-01	.442	8	42.2	-175.12	9.05	-170.89	16.91	.013	8	.011	8	65.5	65.5	.392	9
906-1006	JL4-01	.058	7	0.0	48.34	-67.69	49.78	485.47	.034	6	.023	6	24.5	24.5	.053	6
1010- 910	P3-01	.252	9	0.0	-614.78	537.91	9293.42	3129.37	.028	7	.021	7	27.7	27.7	.163	7
1011- 911	P3-01	.384	8	0.0	-865.48	-917.56	15494.72	-1205.19	.049	6	.037	6	27.7	27.7	.319	6
1012- 912	P3-01	.432	7	0.0	-1005.72	-195.01	18089.18	170.48	.046	8	.035	8	27.7	27.7	.304	6
1001-1002	200-01	.164	9	32.0	-79.16	-36.23	-14.79	158.31	.028	8	.019	8	89.8	44.9	.139	
1001-1004	200-01	.186	9	0.0	-69.21	-21.45	193.66	-152.44	.036	6	.023	6	89.8	44.9	.155	7
1002-1003	200-01	.262	6	32.0	-124.42	39.89	128.01	201.93	.035	9	.022	9	89.8	44.9	.213	6
1002-1004	140-01	.104	7	0.0	-5.65	13.74	-103.05	21.50	.024	7	.015	6	63.8	63.8	.097	8
1002-1005	140-01	.128	6	0.0	-9.23	-5.74	-62.67	-85.84	.022	9	.014	9	63.8	63.8	.113	7
1003-1005	200-01	.265	8	0.0	-119.46	-.45	256.42	-26.89	.018	7	.012	7	89.8	44.9	.217	6
1004-1005	140-01	.115	6	0.0	-9.27	9.76	-65.26	84.59	.023	8	.016	8	63.8	63.8	.116	9
1004-1006	200-01	.314	7	32.0	-137.80	-4.36	239.73	-46.76	.013	6	.010	6	89.8	44.9	.287	6
1005-1006	200-01	.312	7	32.0	-135.59	14.21	224.25	129.42	.011	7	.008	7	89.8	44.9	.279	6

STRAN MEMBER STRESS REPORT NO. 3

DATE 08/27/76

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MKL 105.0 FEET - OPERATIONAL STR

MEMBER NO.	GROUP ID	MAXIMUM CUMULATED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
101- 102	A10-01	.243	6	0.0	-.25	4.48	.87	.06	-7.04	49.5	55.2	.236	8	.230	7
101- 104	A10-01	.243	6	0.0	-.27	4.50	.83	.07	-7.04	49.4	55.2	.237	8	.233	7
101- 201	BRL-01	.056	6	15.0	-.26	-1.03	0.00	6.64	3.56	17.5	17.5	.056	9	.056	6
102- 103	A10-01	.241	7	14.5	-.26	4.59	.72	-.07	7.09	49.5	55.2	.240	9	.222	8
102- 104	A06-01	.017	7	7.2	-.01	-.36	.05	-.01	-.00	50.9	108.3	.016	9	.016	8
102- 105	A10-01	.019	6	7.2	-.02	-.37	-.05	-.00	.00	50.9	108.3	.018	8	.016	7
103- 105	A10-01	.248	9	0.0	-.39	4.55	.67	.05	-7.05	49.4	55.2	.242	7	.225	8
103- 203	BRL-01	.077	6	15.0	-.26	-1.53	0.00	-7.67	5.35	17.5	17.5	.077	9	.072	6
104- 105	A06-01	.019	9	7.3	-.02	-.36	.05	-.00	.00	50.9	108.4	.019	7	.018	8
104- 106	A10-01	.229	6	14.5	-.26	4.62	-.44	.04	12.07	49.5	55.2	.224	6	.221	9
105- 106	A10-01	.227	6	14.5	-.38	4.55	-.31	.02	7.05	49.5	55.2	.225	6	.221	9
105- 205	BRL-01	.080	7	15.0	-.27	-1.00	0.00	.54	-9.88	17.5	17.5	.079	6	.074	8
201- 202	A10-01	.328	6	0.0	.24	6.57	.87	.07	-10.12	49.5	55.2	.315	7	.313	8
201- 204	A10-01	.328	6	0.0	.20	6.57	.91	.08	-10.13	49.4	55.2	.316	8	.316	7
201- 301	BRL-01	.059	6	0.0	-.54	-.78	0.00	4.21	1.84	17.5	17.5	.059	7	.057	9
201- 303	120-01	.068	6	32.6	-.22	-1.28	0.00	.09	1.00	72.3	72.3	.060	9	.056	8
202- 203	A10-01	.315	7	14.5	.14	6.55	.70	-.06	10.17	49.5	55.2	.313	9	.297	5
202- 204	A10-01	.040	7	7.2	-.01	-.91	.02	-.01	-.00	50.9	108.3	.039	9	.038	8
202- 205	A06-01	.029	9	0.0	.01	.55	-.10	-.01	-.24	50.9	108.3	.029	6	.028	7
203- 205	A10-01	.457	7	0.0	.23	14.03	-.65	-.05	-22.09	49.4	55.2	.644	9	.630	6
203- 303	BRL-01	.085	7	0.0	-.66	-1.26	0.00	-5.13	6.27	17.5	17.5	.085	6	.083	8
203- 306	120-01	.086	7	32.6	-.30	-1.60	0.00	-.11	1.08	72.3	72.3	.082	6	.062	8
204- 205	A06-01	.027	6	0.0	.02	.55	-.06	-.00	-.24	50.9	108.4	.027	7	.026	9
204- 206	A10-01	.305	8	14.5	.14	6.64	-.41	.04	16.67	49.5	55.2	.302	9	.301	6
205- 206	A10-01	.456	6	14.5	.13	14.00	-.33	.03	22.67	49.5	55.2	.630	6	.627	9
205- 301	120-01	.079	9	32.6	-.32	-1.42	0.00	-.08	1.02	72.3	72.3	.072	8	.065	7
205- 306	BRL-01	.098	9	15.0	-.74	-1.49	0.00	-.51	-9.57	17.5	17.5	.087	8	.082	7
301- 303	123-01	.066	6	0.0	.19	1.41	0.00	-.16	-1.01	64.2	64.2	.053	6	.053	7
301- 306	123-01	.086	7	29.0	-.34	-1.58	0.00	.15	1.10	64.2	64.2	.083	9	.080	8
301- 401	BRL-01	.094	6	21.4	-.78	-1.59	0.00	.41	-.03	33.3	33.3	.096	8	.076	9
303- 306	123-01	.085	6	29.0	.51	1.41	0.00	-.11	1.07	64.2	64.2	.082	7	.074	8
303- 403	BRL-01	.101	8	28.5	-.89	-1.52	0.00	-1.97	9.49	33.3	33.3	.096	6	.083	9
306- 406	BRL-01	.114	7	28.5	-.95	-1.56	0.00	-2.06	-10.21	33.3	33.3	.105	6	.101	9
401- 501	JL4-01	.135	9	4.6	1.76	1.27	0.00	6.68	2.54	3.3	3.3	.118	7	.099	8
401- 510	P1-01	.162	9	0.0	-2.56	-1.71	0.00	5.01	1.61	3.9	3.9	.156	8	.151	6
403- 503	JL4-01	.167	6	4.6	2.74	.95	0.00	-9.50	-11.98	3.3	3.3	.161	9	.153	6
403- 511	P1-01	.148	9	0.0	-2.41	-2.03	0.00	-3.64	1.55	3.9	3.9	.149	8	.145	7
406- 506	JL4-01	.165	7	4.6	5.25	.56	0.00	-2.26	-10.63	3.3	3.3	.156	9	.142	6
406- 512	P1-01	.200	7	0.0	-4.12	-.22	0.00	.20	10.55	3.9	3.9	.185	6	.150	9
501- 502	105-01	.190	9	15.1	-1.95	-1.94	0.00	-4.33	-.69	53.5	26.7	.148	8	.136	7
501- 504	105-01	.232	9	0.0	1.80	5.47	0.00	-1.57	-2.97	53.5	26.7	.226	7	.226	6
501- 601	JL5-01	.215	9	0.0	2.88	1.95	0.00	-30.16	.92	4.5	4.5	.192	7	.160	8
501- 622	200-01	.218	8	0.0	1.86	5.18	0.00	-5.79	-4.35	28.6	28.6	.207	8	.175	9
502- 503	105-01	.191	9	0.0	-1.99	-1.91	0.00	4.59	.53	53.5	26.7	.136	7	.115	8
502- 504	105-01	.062	7	15.2	-.56	-.97	0.00	-.56	.44	49.5	49.5	.059	9	.055	8
502- 505	105-01	.114	6	0.0	-.81	-1.05	0.00	-1.27	-.15	49.5	49.5	.113	8	.079	7
503- 505	105-01	.220	9	0.0	-1.57	-5.41	0.00	1.16	-2.96	53.5	26.7	.215	8	.116	7
503- 603	JL5-01	.251	8	0.0	4.05	1.52	0.00	28.65	15.90	4.5	4.5	.244	6	.235	9

STRAN MEMBER STRESS REPORT NO. 3

U.S. NAVY - ACMR PLATFORMS - PLATFORM #3 + #4 - MWL 105.0 FEET - OPERATIONAL STM

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
503- 625	200-01	.269	9	0.0	5.42	2.64	0.00	-1.95	-4.89	28.4	28.4	.261	8	.250	7
504- 505	105-01	.137	9	15.2	-.82	-2.19	0.00	-1.72	.27	49.5	49.5	.130	7	.103	8
504- 506	105-01	.241	7	15.2	-2.40	-2.28	0.00	-.12	2.44	53.5	26.7	.222	6	.150	8
505- 506	105-01	.163	6	15.2	.71	3.09	0.00	-1.53	2.95	53.5	26.7	.152	8	.121	7
506- 606	JL5-01	.257	7	6.1	5.19	.40	0.00	5.25	6.60	4.5	4.5	.246	9	.226	6
506- 624	200-01	.266	8	0.0	-2.25	-3.70	0.00	-7.32	.65	28.4	28.4	.255	7	.255	9
510- 710	P1-01	.184	9	0.0	-2.57	-1.63	0.00	3.54	2.50	21.4	21.4	.152	8	.146	6
511- 711	P1-01	.220	8	25.3	-5.67	-1.12	0.00	-1.50	11.74	21.4	21.4	.200	9	.148	6
512- 712	P1-01	.247	7	25.3	-4.22	-1.15	0.00	.20	10.99	21.4	21.4	.214	6	.173	9
601- 621	JL6-01	.152	9	0.0	2.78	.56	0.00	-20.25	2.71	4.5	4.5	.126	7	.064	8
605- 625	JL6-01	.207	8	6.1	5.91	.62	0.00	15.76	7.55	4.5	4.5	.188	6	.153	9
606- 626	JL6-01	.270	7	6.1	5.17	.72	0.00	5.23	4.43	4.5	4.5	.236	6	.234	9
621- 651	JL6-01	.102	9	6.1	2.74	.63	0.00	-9.45	-1.45	4.5	4.5	.143	7	.074	8
622- 703	200-01	.231	8	21.8	-1.66	-3.47	0.00	-7.15	-3.30	30.5	30.5	.224	6	.156	9
623- 653	JL6-01	.232	8	6.1	5.89	1.63	0.00	11.75	2.74	4.5	4.5	.217	6	.151	9
624- 701	200-01	.224	8	21.9	-2.27	-2.02	0.00	7.21	-1.53	30.7	30.7	.211	9	.201	6
625- 706	200-01	.249	7	21.9	-3.37	-2.18	0.00	-3.65	-3.80	30.7	30.7	.245	9	.214	6
626- 656	JL6-01	.273	7	6.1	5.16	.80	0.00	5.23	-1.07	4.5	4.5	.245	9	.230	6
651- 701	JL6-01	.163	9	0.0	2.90	.69	0.00	10.62	-.92	5.3	5.3	.155	7	.067	8
653- 703	JL6-01	.241	8	0.0	4.12	1.20	0.00	-.65	-5.01	5.3	5.3	.235	6	.150	9
656- 706	JL6-01	.273	7	0.0	5.15	.81	0.00	5.23	-5.56	5.3	5.3	.248	9	.253	6
701- 702	137-01	.252	6	18.8	-2.10	-2.67	0.00	-2.81	-.04	83.1	41.5	.222	9	.205	6
701- 704	137-01	.128	6	18.8	-.38	-2.44	0.00	2.75	-.05	83.1	41.5	.126	9	.114	8
701- 801	JL7-01	.219	9	14.2	5.44	1.41	0.00	-.92	-1.00	21.4	21.4	.205	7	.113	6
701- 806	200-01	.335	7	0.0	-4.13	-2.02	0.00	-2.65	5.17	70.3	70.3	.241	6	.206	9
702- 703	137-01	.229	9	0.0	-1.79	-2.61	0.00	5.18	.22	83.1	41.5	.216	8	.187	7
702- 704	107-01	.060	7	0.0	-.36	-.93	0.00	.60	-.04	61.3	61.3	.050	9	.024	6
702- 705	107-01	.111	6	18.8	-.53	-1.91	0.00	1.83	.10	61.3	61.3	.105	8	.049	7
703- 705	137-01	.213	7	18.8	-1.91	-2.05	0.00	-1.47	.17	83.1	41.5	.178	9	.169	6
703- 801	200-01	.407	6	0.0	-2.38	-3.65	0.00	7.28	1.16	70.3	70.3	.274	8	.165	9
703- 803	JL7-01	.408	8	7.1	7.01	1.98	0.00	-1.37	1.23	21.4	21.4	.394	6	.301	9
704- 705	107-01	.147	9	0.0	-.59	-2.09	0.00	2.18	-.19	61.3	61.3	.137	7	.120	8
704- 706	137-01	.094	6	0.0	-.54	-1.23	0.00	-1.91	.23	83.1	41.6	.076	8	.069	9
705- 706	137-01	.206	6	18.8	-2.02	-1.69	0.00	-.33	.76	83.1	41.6	.190	7	.129	9
706- 803	200-01	.365	9	0.0	-4.22	-2.59	0.00	5.61	2.07	70.3	70.3	.355	8	.322	7
706- 806	JL7-01	.458	7	7.1	7.95	1.66	0.00	-3.55	2.27	21.4	21.4	.406	9	.357	6
710- 810	P2-01	.137	9	0.0	-2.16	-.75	0.00	4.21	.17	24.1	24.1	.084	8	.084	6
711- 811	P2-01	.202	8	28.4	-5.32	-1.07	0.00	-1.30	2.32	24.1	24.1	.154	9	.133	6
712- 812	P2-01	.251	7	28.4	-5.80	-1.25	0.00	.20	3.24	24.1	24.1	.203	6	.159	9
801- 802	145-01	.163	9	22.8	-1.17	-2.36	0.00	-2.76	-.21	91.6	45.8	.140	7	.126	8
801- 804	145-01	.213	6	22.8	-1.57	-2.59	0.00	2.55	.04	91.6	45.8	.179	7	.162	8
801- 901	JL6-01	.190	9	6.1	5.52	.08	0.00	-1.24	1.50	24.5	24.5	.184	7	.079	8
801- 903	200-01	.306	8	59.6	-2.37	-3.08	0.00	-4.66	-1.54	83.5	83.5	.256	6	.154	7
802- 803	145-01	.181	9	0.0	-1.16	-2.51	0.00	2.75	.17	91.6	45.8	.139	7	.099	8
802- 804	105-01	.047	7	0.0	-.27	-.70	0.00	.41	.03	74.5	74.5	.046	9	.029	8
802- 805	105-01	.117	6	0.0	-.45	-2.05	0.00	-1.25	-.03	74.5	74.5	.109	8	.052	7
803- 805	145-01	.174	8	0.0	-1.51	-1.91	0.00	.24	-.17	91.6	45.8	.136	9	.098	7
803- 903	JL6-01	.219	8	6.1	-.05	.73	0.00	.45	1.69	24.5	24.5	.215	6	.130	9

STRAN MEMBER STRESS REPORT NO. 3

U.S. NAVY - ACHR PLATFORMS - PLATFORM B3 + B4 - MWL 105.0 FEET - OPERATIONAL STR

MEMBER NO.	GROUP ID	MAXIMUM COMBINED UNITY CK	LOAD COND NO.	DIST FROM END(FT)	AXIAL STRESS KSI	BENDING STRESS Y KSI	BENDING STRESS Z KSI	SHEAR FORCE FY KIPS	SHEAR FORCE FZ KIPS	KLY/RY	KLZ/RZ	SECOND-HIGHEST UNITY CHECK	SECOND-HIGHEST LOAD COND	THIRD-HIGHEST UNITY CHECK	THIRD-HIGHEST LOAD COND
803- 906	200-01	.420	6	0.0	-4.99	-1.85	0.00	-.38	1.70	83.5	83.5	.387	7	.315	8
804- 805	100-01	.130	9	22.8	-.51	-2.52	0.00	-1.62	.12	74.5	74.5	.130	7	.109	8
804- 806	140-01	.169	6	0.0	-1.74	-1.54	0.00	-1.43	.30	91.6	45.8	.149	7	.134	8
805- 806	140-01	.126	6	22.8	.65	2.07	0.00	-.54	.77	91.6	45.8	.115	8	.062	7
806- 901	200-01	.400	9	0.0	-4.59	-2.35	0.00	-2.51	1.58	83.5	83.5	.322	8	.316	7
805- 906	JL6-01	.260	7	16.2	5.24	.88	0.00	-.64	-1.46	24.5	24.5	.267	9	.265	6
810- 910	P2-01	.147	9	32.4	-2.33	-.73	0.00	4.31	-3.99	27.5	27.5	.084	8	.077	6
811- 911	P2-01	.217	6	32.4	-5.41	-1.29	0.00	-1.44	-12.37	27.5	27.5	.165	9	.146	6
812- 912	P2-01	.242	7	32.4	-5.89	-1.33	0.00	.20	-13.82	27.5	27.5	.210	6	.167	9
901- 902	104-01	.200	6	0.0	-1.70	-1.76	0.00	-.44	-.52	96.0	48.0	.137	8	.101	7
901- 904	104-01	.231	7	0.0	-2.40	-1.38	0.00	.22	.10	96.0	48.0	.185	6	.174	9
901-1001	JL4-01	.043	9	0.0	.41	.58	0.00	-5.67	.96	24.5	24.5	.040	6	.040	8
901-1002	100-01	.248	8	42.2	-3.19	-1.50	0.00	-2.04	-1.18	65.5	65.5	.211	6	.072	7
901-1004	140-01	.401	7	42.2	-5.87	-1.53	0.00	.89	-1.65	65.5	65.5	.306	9	.254	6
902- 903	104-01	.155	6	27.4	-1.55	-.91	0.00	1.27	.14	96.0	48.0	.102	8	.096	7
902- 904	104-01	.040	9	0.0	.22	.71	0.00	-.30	-.12	89.5	89.5	.039	7	.035	8
902- 905	104-01	.121	6	0.0	-.42	-2.18	0.00	-1.00	-.05	89.5	89.5	.111	8	.049	7
903- 905	104-01	.206	8	0.0	-2.86	-1.22	0.00	.03	-.43	96.0	48.0	.206	9	.175	7
903-1002	100-01	.272	6	0.0	-3.32	-1.91	0.00	2.31	.66	65.5	65.5	.232	8	.070	9
903-1003	JL4-01	.068	8	0.0	.42	.93	0.00	4.87	4.06	24.5	24.5	.063	9	.056	6
903-1005	100-01	.459	6	0.0	-6.46	-1.74	0.00	-.30	1.73	65.5	65.5	.412	7	.354	8
904- 905	104-01	.135	9	27.4	-.44	-2.48	0.00	-1.28	.14	89.6	89.6	.125	7	.106	8
904- 906	104-01	.238	7	27.4	-2.62	-1.04	0.00	.31	.29	96.0	48.0	.156	6	.134	9
905- 906	104-01	.237	8	27.4	-2.61	-1.05	0.00	.40	-.15	96.0	48.0	.211	9	.179	6
905-1004	140-01	.396	9	0.0	-5.53	-1.60	0.00	-1.15	1.40	65.5	65.5	.323	7	.266	8
906-1005	100-01	.442	6	42.2	-6.37	-1.47	0.00	-.14	-1.60	65.5	65.5	.392	9	.350	6
906-1006	JL4-01	.058	7	0.0	.66	.62	0.00	1.30	4.28	24.5	24.5	.053	6	.049	9
1010- 910	P3-01	.252	9	0.0	-2.06	-5.54	0.00	4.25	-20.65	27.7	27.7	.145	7	.117	8
1011- 911	P3-01	.365	6	0.0	-2.99	-5.68	0.00	-1.36	-50.40	27.7	27.7	.319	6	.255	9
1012- 912	P3-01	.432	7	0.0	-3.40	-6.52	0.00	.20	-56.99	27.7	27.7	.384	6	.355	9
1001-1002	200-01	.184	9	32.0	-2.08	-.89	0.00	-2.20	-.26	89.8	44.9	.138	7	.092	8
1001-1004	200-01	.188	9	0.0	-1.82	-1.38	0.00	-.21	-.56	89.8	44.9	.155	7	.090	6
1002-1003	200-01	.282	8	32.0	-3.27	-1.34	0.00	-1.66	.35	89.8	44.9	.213	6	.195	9
1002-1004	140-01	.104	7	0.0	-.35	-1.98	0.00	.34	.66	63.8	63.8	.097	8	.093	6
1002-1005	140-01	.128	6	0.0	-.58	-2.24	0.00	-1.05	.50	63.8	63.8	.113	7	.109	8
1003-1005	200-01	.203	8	0.0	-3.14	-1.45	0.00	.05	-.94	89.8	44.9	.217	6	.207	9
1004-1005	140-01	.118	6	0.0	-.56	-2.01	0.00	1.07	.43	63.8	63.8	.116	9	.105	7
1004-1006	200-01	.314	7	32.0	-3.62	-1.34	0.00	.69	.85	89.8	44.9	.287	6	.225	9
1005-1006	200-01	.312	7	32.0	-3.56	-1.45	0.00	-.91	.67	89.8	44.9	.279	6	.224	9

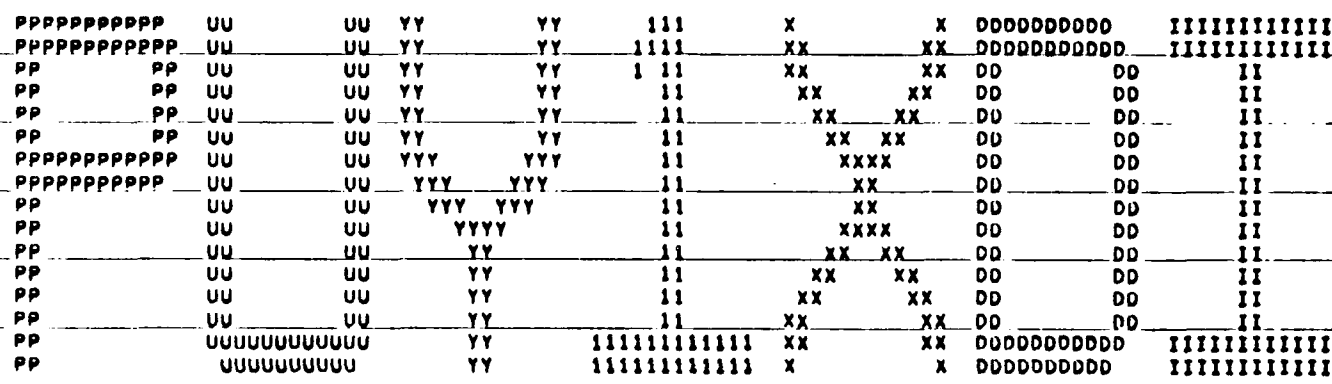
APPENDIX B.6

SAPCHK - Primary Joints

6000 REMUTE BATCH

UNITED COMPUTING 67. APEX/SL B.7.0

15.25.22. 09/01/76.



SAPCHK = CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

API CODE CHECK, PUNCHING SHEAR FOR TUBULAR MEMBERS

PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

I N P U T D A T A

MEMBER	JOINT	DIAMETER	THICKNESS	START/END	THETA ANGLE	YIELD
201	301	30.000	1.500	1	=0.00	36
201	303	12.750	.500	1	62.70	36
203	303	30.000	1.500	1	=0.00	36
203	306	12.750	.500	1	62.70	36
206	306	30.000	1.500	1	=0.00	36
206	301	12.750	.500	1	62.70	36
301	401	30.000	1.500	1	=0.00	36
206	301	12.750	.500	2	62.70	36
301	306	12.750	.750	1	90.00	36
303	403	30.000	1.500	1	=0.00	36
201	303	12.750	.500	2	62.70	36
301	303	12.750	.750	2	90.00	36
306	406	30.000	1.500	1	=0.00	36
203	306	12.750	.500	2	62.70	36
303	306	12.750	.750	2	90.00	36
401	501	48.000	1.750	2	=0.00	36
501	502	16.000	.750	1	82.00	36
501	504	16.000	.750	1	82.00	36
501	622	20.000	1.000	1	62.40	36
403	503	48.000	1.750	2	=0.00	36
502	503	16.000	.750	2	82.00	36
503	505	16.000	.750	1	82.00	36
503	625	20.000	1.000	1	62.40	36
406	506	48.000	1.750	2	=0.00	36
504	506	16.000	.750	2	82.00	36
505	506	16.000	.750	2	82.00	36
506	624	20.000	1.000	1	62.40	36
701	801	47.500	1.500	1	=0.00	36
624	701	20.000	1.000	2	46.50	36
701	702	12.750	.500	1	82.00	36
701	704	12.750	.500	1	82.00	36
701	806	20.000	1.000	1	64.40	36
703	803	47.500	1.500	1	=0.00	36
622	703	20.000	1.000	2	46.50	36
702	703	12.750	.500	2	82.00	36
703	705	12.750	.500	1	82.00	36
703	801	20.000	1.000	1	64.40	36
706	806	47.500	1.500	1	=0.00	36
625	706	20.000	1.000	2	46.50	36
704	706	12.750	.500	2	82.00	36
705	706	12.750	.500	2	82.00	36
706	803	20.000	1.000	1	64.40	36
701	801	47.500	1.500	2	=0.00	36
703	801	20.000	1.000	2	48.40	36
801	802	14.000	.500	1	82.00	36
801	804	14.000	.500	1	82.00	36
801	903	20.000	1.000	1	65.90	36
703	803	47.500	1.500	2	=0.00	36
706	803	20.000	1.000	2	48.40	36
802	805	14.000	.500	2	82.00	36
803	805	14.000	.500	1	82.00	36
803	908	20.000	1.000	1	65.90	36
706	806	47.500	1.500	2	=0.00	36

706	806	47,500	1,500	2	-0,00	36
701	8[illegible]	20,000	1,000	2	48,40	36
804	8	14,000	,500	2	90,00	36
805	8	14,000	,500	2	82,00	36
806	901	20,000	1,000	1	66,00	36
801	901	47,000	1,250	2	-0,00	36
901	902	16,000	,500	1	82,00	36
901	904	16,000	,500	1	82,00	36
901	1002	18,000	,750	1	48,20	36
901	1004	18,000	,750	1	48,20	36
803	903	47,000	1,250	2	-0,00	36
902	903	16,000	,500	2	82,00	36
903	905	16,000	,500	1	82,00	36
903	1002	18,000	,750	1	48,20	36
903	1005	18,000	,750	1	48,20	36
806	906	47,000	1,250	2	-0,00	36
904	906	16,000	,500	2	82,00	36
905	906	16,000	,500	2	82,00	36
906	1004	18,000	,750	1	48,20	36
906	1005	18,000	,750	1	48,20	36
901	1001	47,500	1,500	2	-0,00	36
1001	1004	20,000	1,000	1	82,00	36
1001	1002	20,000	1,000	1	82,00	36
903	1003	47,500	1,500	2	-0,00	36
1003	1005	20,000	1,000	1	82,00	36
1002	1003	20,000	1,000	2	82,00	36
906	1006	47,500	1,500	2	-0,00	36
1004	1006	20,000	1,000	2	82,00	36
1005	1006	20,000	1,000	2	82,00	36
1001	1002	24,000	1,000	2	-0,00	36
901	1002	18,000	,750	2	60,00	36
1002	1003	24,000	1,000	1	-0,00	36
903	1002	18,000	,750	2	60,00	36
1003	1005	24,000	1,000	2	-0,00	36
903	1005	18,000	,750	2	60,00	36
1005	1006	24,000	1,000	1	-0,00	36
906	1005	18,000	,750	2	60,00	36
1001	1004	24,000	1,000	2	-0,00	36
901	1004	18,000	,750	2	60,00	36
1004	1006	24,000	1,000	1	-0,00	36
906	1004	18,000	,750	2	60,00	36

BRACE PROPERTIES TABLE

NUMBER	DIAMETER	THICKNESS	AREA	MODULUS	YIELD
1	1,275000E+01	5,000000E-01	1,924226E+01	5,671276E+01	3,600000E+01
2	1,275000E+01	7,500000E-01	2,827434E+01	8,014525E+01	3,600000E+01
3	1,600000E+01	7,500000E-01	3,593197E+01	1,308850E+02	3,600000E+01
4	2,000000E+01	1,000000E+00	5,969027E+01	2,700984E+02	3,600000E+01
5	1,400000E+01	5,000000E-01	2,120575E+01	6,910801E+01	3,600000E+01
6	1,600000E+01	5,000000E-01	2,434735E+01	9,149273E+01	3,600000E+01
7	1,800000E+01	7,500000E-01	4,064436E+01	1,682930E+02	3,600000E+01

LOAD CASE	LOAD FACTOR
10	1,330
11	1,330
12	1,330
13	1,330

END OF INFORMATION READ = FORCE

372 RECORDS TO BE SORTED

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
201	301	201	10	30.00	1.500	.359	1.109		
			201 303	12.75	.500	.668	2.545	.899	11.003
201	301	201	11	30.00	1.500	.391	.988		
			201 303	12.75	.500	.243	1.646	.530	11.003
201	301	201	12	30.00	1.500	.410	.232		
			201 303	12.75	.500	.685	4.350	1.413	11.003
201	301	201	13	30.00	1.500	.375	.252		
			201 303	12.75	.500	.290	1.611	.533	11.003
203	303	203	10	30.00	1.500	.146	1.409		
			203 306	12.75	.500	4.994	3.373	2.307	11.003
203	303	203	11	30.00	1.500	.157	1.411		
			203 306	12.75	.500	4.877	3.717	2.372	11.003
203	303	203	12	30.00	1.500	.797	.614		
			203 306	12.75	.500	4.806	4.527	2.582	11.003
203	303	203	13	30.00	1.500	.804	.419		
			203 306	12.75	.500	4.963	4.395	2.587	11.003
206	306	206	10	30.00	1.500	.728	.686		
			206 301	12.75	.500	3.991	3.164	1.976	11.003
206	306	206	11	30.00	1.500	.820	.769		
			206 301	12.75	.500	5.489	5.064	2.918	11.003
206	306	206	12	30.00	1.500	.259	1.530		
			206 301	12.75	.500	3.631	3.345	1.929	11.003
206	306	206	13	30.00	1.500	.147	1.827		
			206 301	12.75	.500	5.490	3.861	2.579	11.003
301	401	301	10	30.00	1.500	.892	7.331		
			206 301	12.75	.500	3.940	2.103	1.663	11.003
			301 306	12.75	.750	2.440	5.386	3.914	11.003

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
301	401	301	11		30.00	1.500	.295	10.040		
			206	301	12.75	.500	5.438	3.844	2.560	11.003
			301	306	12.75	.750	2.772	3.568	3.170	11.003
301	401	301	12		30.00	1.500	.036	7.442		
			206	301	12.75	.500	3.682	6.931	2.954	11.003
			301	306	12.75	.750	2.596	7.968	5.282	11.003
301	401	301	13		30.00	1.500	.760	10.214		
			206	301	12.75	.500	5.539	3.499	2.491	11.003
			301	306	12.75	.750	2.571	7.380	4.975	11.003
303	403	303	10		30.00	1.500	.297	9.378		
			201	303	12.75	.500	.717	8.653	2.635	11.003
			301	303	12.75	.750	1.031	10.647	5.839	11.003
303	403	303	11		30.00	1.500	.255	9.248		
			201	303	12.75	.500	.294	7.107	2.084	11.003
			301	303	12.75	.750	.170	10.788	5.479	11.003
303	403	303	12		30.00	1.500	.635	9.145		
			201	303	12.75	.500	.635	1.082	.478	11.003
			301	303	12.75	.750	1.219	9.814	5.516	11.003
303	403	303	13		30.00	1.500	.896	9.496		
			201	303	12.75	.500	.241	4.479	1.328	11.003
			301	303	12.75	.750	.040	10.154	5.097	11.003
306	406	306	10		30.00	1.500	1.157	10.118		
			203	306	12.75	.500	5.044	5.345	2.877	11.003
			303	306	12.75	.750	2.271	7.049	4.660	11.003
306	406	306	11		30.00	1.500	1.249	11.998		
			203	306	12.75	.500	4.928	5.140	2.787	10.887
			303	306	12.75	.750	1.655	9.317	5.486	10.887
306	406	306	12		30.00	1.500	.041	9.420		
			203	306	12.75	.500	4.756	3.684	2.330	11.003
			303	306	12.75	.750	2.547	4.061	3.304	11.003
306	406	306	13		30.00	1.500	.086	11.790		
			203	306	12.75	.500	4.912	4.731	2.668	11.003
			303	306	12.75	.750	1.584	7.495	4.540	11.003

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
401	501	501	10		48.00	1.750	.076	8.590		
			501	502	16.00	.750	.992	7.580	3.494	8.733
			501	504	16.00	.750	6.962	7.481	5.922	8.733
			501	622	20.00	1.000	4.070	5.857	4.714	8.733
401	501	501	11		48.00	1.750	4.334	7.486		
			501	502	16.00	.750	3.700	5.046	3.582	8.733
			501	504	16.00	.750	7.921	8.223	6.620	8.733
			501	622	20.00	1.000	.040	5.991	2.910	8.733
401	501	501	12		48.00	1.750	.617	8.376		
			501	502	16.00	.750	.231	6.357	2.682	8.733
			501	504	16.00	.750	6.276	9.506	6.462	8.733
			501	622	20.00	1.000	3.975	4.517	4.024	8.733
401	501	501	13		48.00	1.750	4.846	7.086		
			501	502	16.00	.750	4.818	4.963	4.011	8.733
			501	504	16.00	.750	7.286	10.580	7.317	8.733
			501	622	20.00	1.000	.317	5.975	3.031	8.733
403	503	503	10		48.00	1.750	7.344	5.851		
			502	503	16.00	.750	.467	2.127	1.059	8.649
			503	505	16.00	.750	4.675	5.724	4.261	8.649
			503	625	20.00	1.000	8.757	5.108	6.526	8.649
403	503	503	11		48.00	1.750	4.449	8.399		
			502	503	16.00	.750	3.819	4.527	3.421	8.702
			503	505	16.00	.750	3.188	7.258	4.271	8.702
			503	625	20.00	1.000	8.330	5.001	6.276	8.702
403	503	503	12		48.00	1.750	7.881	5.770		
			502	503	16.00	.750	.309	4.866	2.108	8.580
			503	505	16.00	.750	5.327	8.652	5.722	8.580
			503	625	20.00	1.000	8.872	6.639	7.415	8.580
403	503	503	13		48.00	1.750	4.776	8.299		
			502	503	16.00	.750	4.935	4.243	3.766	8.667
			503	505	16.00	.750	3.805	9.680	5.511	8.667
			503	625	20.00	1.000	8.268	6.785	7.109	8.667
406	506	506	10		48.00	1.750	8.235	3.427		
			504	506	16.00	.750	7.262	7.272	5.961	8.733
			505	506	16.00	.750	3.884	9.652	5.533	8.733
			506	624	20.00	1.000	5.918	6.766	6.010	8.733

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
406	506	506	11		48.00	1.750	9,510	3,976		
			504	506	16.00	.750	8,576	8,932	7,180	8,605
			505	506	16.00	.750	2,401	9,197	4,735	8,605
			506	624	20.00	1.000	8,481	6,920	7,273	8,605
406	506	506	12		48.00	1.750	7,801	3,483		
			504	506	16.00	.750	6,563	4,827	4,677	8,733
			505	506	16.00	.750	4,527	7,162	4,786	8,733
			506	624	20.00	1.000	5,910	5,885	5,581	8,733
406	506	506	13		48.00	1.750	8,807	3,960		
			504	506	16.00	.750	7,925	6,021	5,726	8,714
			505	506	16.00	.750	3,033	6,326	3,828	8,714
			506	624	20.00	1.000	8,348	5,415	6,484	8,714
701	801	701	10		47.50	1.500	.660	.791		
			624	701	20.00	1.000	5,895	3,828	3,932	7,870
			701	702	12.75	.500	3,604	3,169	2,162	7,870
			701	704	12.75	.500	1,791	2,571	1,390	7,870
			701	806	20.00	1.000	4,503	3,961	4,750	7,870
701	801	701	11		47.50	1.500	2,778	.408		
			624	701	20.00	1.000	8,458	2,737	4,473	7,870
			701	702	12.75	.500	2,984	1,067	1,297	7,870
			701	704	12.75	.500	.013	2,070	.659	7,870
			701	806	20.00	1.000	7,413	3,619	6,168	7,870
701	801	701	12		47.50	1.500	.483	.886		
			624	701	20.00	1.000	5,935	3,604	3,938	7,870
			701	702	12.75	.500	3,902	2,588	2,074	7,870
			701	704	12.75	.500	1,390	3,052	1,413	7,870
			701	806	20.00	1.000	4,422	4,370	4,938	7,870
701	801	701	13		47.50	1.500	2,918	.499		
			624	701	20.00	1.000	8,371	2,390	4,292	7,870
			701	702	12.75	.500	3,471	1,406	1,561	7,870
			701	704	12.75	.500	.153	3,227	1,071	7,870
			701	806	20.00	1.000	7,240	4,577	6,617	7,870
703	803	703	10		47.50	1.500	6,106	1,462		
			622	703	20.00	1.000	4,046	5,651	3,982	7,870
			702	703	12.75	.500	4,164	1,393	1,780	7,870
			703	705	12.75	.500	1,042	2,923	1,260	7,870
			703	801	20.00	1.000	4,391	6,459	6,111	7,870

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
703	803	703	11		47.50	1.500	4.057	1.251		
			622	703	20.00	1.000	.065	5.057	2.171	7.870
			702	703	12.75	.500	2.947	1.231	1.337	7.870
			703	705	12.75	.500	1.637	3.486	1.630	7.870
			703	801	20.00	1.000	.283	5.486	3.281	7.870
703	803	703	12		47.50	1.500	6.298	1.409		
			622	703	20.00	1.000	3.999	5.145	3.749	7.870
			702	703	12.75	.500	4.471	2.295	2.164	7.870
			703	705	12.75	.500	1.111	3.650	1.575	7.870
			703	801	20.00	1.000	4.379	6.770	6.281	7.870
703	803	703	13		47.50	1.500	4.055	1.157		
			622	703	20.00	1.000	.293	5.002	2.237	7.870
			702	703	12.75	.500	3.437	1.463	1.568	7.870
			703	705	12.75	.500	1.449	4.153	1.780	7.870
			703	801	20.00	1.000	.097	5.708	3.304	7.870
706	806	706	10		47.50	1.500	5.832	.838		
			625	706	20.00	1.000	8.781	.663	3.720	7.870
			704	706	12.75	.500	2.394	2.823	1.663	7.870
			705	706	12.75	.500	2.195	3.200	1.718	7.870
			706	803	20.00	1.000	8.325	5.067	7.497	7.870
706	806	706	11		47.50	1.500	7.067	1.256		
			625	706	20.00	1.000	8.355	3.117	4.594	7.870
			704	706	12.75	.500	1.009	3.867	1.548	7.870
			705	706	12.75	.500	2.630	3.083	1.821	7.870
			706	803	20.00	1.000	7.713	6.093	7.743	7.870
706	806	706	12		47.50	1.500	5.591	.772		
			625	706	20.00	1.000	8.848	1.957	4.295	7.870
			704	706	12.75	.500	1.989	2.179	1.329	7.870
			705	706	12.75	.500	2.264	2.115	1.397	7.870
			706	803	20.00	1.000	8.239	4.153	6.929	7.870
706	806	706	13		47.50	1.500	6.589	1.199		
			625	706	20.00	1.000	8.245	3.526	4.725	7.870
			704	706	12.75	.500	1.173	2.987	1.322	7.870
			705	706	12.75	.500	2.443	1.852	1.371	7.870
			706	803	20.00	1.000	7.396	5.335	7.135	7.870

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLK STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	-STRESS- AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
701	801	801	10		47.50	1.500	.634	.384		
			703	801	20.00	1.000	4.386	3.434	3.305	7.870
			801	802	14.00	.500	.955	4.445	1.714	7.870
			801	804	14.00	.500	3.946	4.134	2.577	7.870
			801	903	20.00	1.000	4.039	3.971	4.556	7.870
701	801	801	11		47.50	1.500	2.805	.810		
			703	801	20.00	1.000	.280	5.461	2.512	7.870
			801	802	14.00	.500	2.748	1.622	1.460	7.870
			801	804	14.00	.500	3.422	3.699	2.334	7.870
			801	903	20.00	1.000	.186	5.077	3.021	7.870
701	801	801	12		47.50	1.500	.509	.387		
			703	801	20.00	1.000	4.382	3.503	3.334	7.870
			801	802	14.00	.500	1.339	3.977	1.689	7.870
			801	804	14.00	.500	3.560	4.029	2.609	7.870
			801	903	20.00	1.000	4.080	3.519	4.320	7.870
701	801	801	13		47.50	1.500	2.891	.532		
			703	801	20.00	1.000	.102	5.442	2.431	7.870
			801	802	14.00	.500	3.169	2.044	1.666	7.870
			801	804	14.00	.500	3.278	4.718	2.547	7.870
			801	903	20.00	1.000	.189	5.347	3.177	7.870
703	803	803	10		47.50	1.500	6.133	.040		
			706	803	20.00	1.000	8.329	2.069	4.323	7.870
			802	803	14.00	.500	1.466	1.878	1.065	7.870
			803	805	14.00	.500	3.156	2.367	1.764	7.870
			803	906	20.00	1.000	8.411	4.565	7.360	7.870
703	803	803	11		47.50	1.500	4.084	.297		
			706	803	20.00	1.000	7.718	2.259	4.156	7.870
			802	803	14.00	.500	2.767	1.684	1.422	7.870
			803	805	14.00	.500	1.103	3.652	1.510	7.870
			803	906	20.00	1.000	7.476	4.000	6.509	7.870
703	803	803	12		47.50	1.500	6.271	.241		
			706	803	20.00	1.000	8.230	1.302	3.945	7.870
			802	803	14.00	.500	1.853	2.724	1.458	7.870
			803	805	14.00	.500	3.011	4.022	2.241	7.870
			803	906	20.00	1.000	8.392	5.283	7.762	7.870

SAFCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSUR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
703	803	803	13		47.50	1.500	4.028	.197		
			706	803	20.00	1.000	7.393	1.876	3.854	7.870
			802	803	14.00	.500	3.187	1.786	1.590	7.870
			803	805	14.00	.500	1.079	4.562	1.791	7.870
			803	906	20.00	1.000	7.189	4.623	6.705	7.870
706	806	806	10		47.50	1.500	5.805	.499		
			701	806	20.00	1.000	4.496	5.602	4.302	7.870
			804	806	14.00	.500	4.407	2.743	2.383	7.870
			805	806	14.00	.500	2.212	4.461	2.123	7.870
			806	901	20.00	1.000	4.738	6.401	6.351	7.870
706	806	806	11		47.50	1.500	7.040	.405		
			701	806	20.00	1.000	7.407	3.606	4.620	7.870
			804	806	14.00	.500	4.231	3.799	2.677	7.870
			805	806	14.00	.500	.274	3.938	1.334	7.870
			806	901	20.00	1.000	7.623	5.955	7.721	7.870
706	806	806	12		47.50	1.500	5.618	.495		
			701	806	20.00	1.000	4.427	5.786	4.355	7.870
			804	806	14.00	.500	4.019	.975	1.665	7.870
			805	806	14.00	.500	2.063	3.258	1.694	7.870
			806	901	20.00	1.000	4.744	6.011	6.130	7.870
706	806	806	13		47.50	1.500	6.616	.212		
			701	806	20.00	1.000	7.245	3.896	4.680	7.870
			804	806	14.00	.500	4.092	2.152	2.082	7.870
			805	806	14.00	.500	.244	2.750	.949	7.870
			806	901	20.00	1.000	7.384	5.605	7.155	7.870
801	901	901	10		47.00	1.250	.879	.944		
			901	902	16.00	.500	4.663	4.271	3.429	6.953
			901	904	16.00	.500	3.229	4.065	2.789	6.953
			901	1002	18.00	.750	6.152	2.013	3.051	6.953
			901	1004	18.00	.750	6.501	2.013	3.180	6.953
801	901	901	11		47.00	1.250	3.479	.563		
			901	902	16.00	.500	1.288	1.531	1.078	6.953
			901	904	16.00	.500	5.752	3.737	3.638	6.953
			901	1002	18.00	.750	.126	2.404	.992	6.953
			901	1004	18.00	.750	10.990	2.489	5.015	6.953

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
801	901	901	12	47.00	1.250	.905	.905		
			901 902	16.00	.500	4.374	3.844	3.147	6.953
			901 904	16.00	.500	2.911	4.120	2.688	6.953
			901 1002	18.00	.750	6.313	2.211	3.189	6.953
			901 1004	18.00	.750	6.265	1.855	3.031	6.953
801	901	901	13	47.00	1.250	3.414	.573		
			901 902	16.00	.500	.532	1.327	.709	6.953
			901 904	16.00	.500	5.882	3.993	3.785	6.953
			901 1002	18.00	.750	.065	2.647	1.066	6.953
			901 1004	18.00	.750	10.338	2.350	4.721	6.953
803	903	903	10	47.00	1.250	4.343	.699		
			902 903	16.00	.500	4.265	3.049	2.804	6.953
			903 905	16.00	.500	7.801	2.478	3.951	6.953
			903 1002	18.00	.750	6.274	3.880	3.831	6.953
			903 1005	18.00	.750	12.467	3.821	6.082	6.953
803	903	903	11	47.00	1.250	2.156	.923		
			902 903	16.00	.500	1.250	.597	.709	6.953
			903 905	16.00	.500	7.120	3.062	3.910	6.953
			903 1002	18.00	.750	.233	2.876	1.218	6.953
			903 1005	18.00	.750	11.108	3.333	5.391	6.953
803	903	903	12	47.00	1.250	4.413	.889		
			902 903	16.00	.500	3.952	3.259	2.762	6.953
			903 905	16.00	.500	7.284	3.283	4.057	6.953
			903 1002	18.00	.750	6.303	3.824	3.820	6.953
			903 1005	18.00	.750	12.361	3.609	5.960	6.953
803	903	903	13	47.00	1.250	2.076	1.037		
			902 903	16.00	.500	.497	1.082	.603	6.953
			903 905	16.00	.500	6.573	3.706	3.943	6.953
			903 1002	18.00	.750	.045	2.973	1.187	6.953
			903 1005	18.00	.750	10.379	3.146	5.049	6.953
806	906	906	10	47.00	1.250	5.233	.147		
			904 906	16.00	.500	3.572	2.098	2.175	6.953
			905 906	16.00	.500	7.069	3.686	4.127	6.953
			906 1004	18.00	.750	6.456	3.572	3.777	6.953
			906 1005	18.00	.750	12.432	2.659	5.612	6.953

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
806	906	906	11	47.00	1.250	5.643	.548		
			904 906	16.00	.500	6.384	2.903	3.565	6.953
			905 906	16.00	.500	6.451	3.767	3.919	6.953
			906 1004	18.00	.750	10.916	3.613	5.430	6.953
			906 1005	18.00	.750	11.094	3.143	5.311	6.953
806	906	906	12	47.00	1.250	5.142	.187		
			904 906	16.00	.500	3.254	1.426	1.797	6.953
			905 906	16.00	.500	6.542	3.024	3.673	6.953
			906 1004	18.00	.750	6.353	3.540	3.726	6.953
			906 1005	18.00	.750	12.462	2.904	5.719	6.953
806	906	906	13	47.00	1.250	5.319	.482		
			904 906	16.00	.500	6.512	1.986	3.267	6.953
			905 906	16.00	.500	5.905	3.192	3.490	6.953
			906 1004	18.00	.750	10.399	3.669	5.263	6.953
			906 1005	18.00	.750	10.497	3.263	5.139	6.953
901	1001	1001	10	47.50	1.500	.012	.134		
			1001 1004	20.00	1.000	.013	3.518	2.235	7.870
			1001 1002	20.00	1.000	.379	3.359	2.370	7.870
901	1001	1001	11	47.50	1.500	.318	.277		
			1001 1004	20.00	1.000	3.679	2.996	4.262	7.870
			1001 1002	20.00	1.000	4.085	.718	3.082	7.870
901	1001	1001	12	47.50	1.500	.005	.126		
			1001 1004	20.00	1.000	.284	3.293	2.267	7.870
			1001 1002	20.00	1.000	.122	3.265	2.145	7.870
901	1001	1001	13	47.50	1.500	.293	.239		
			1001 1004	20.00	1.000	3.266	2.722	3.823	7.870
			1001 1002	20.00	1.000	3.782	.440	2.710	7.870
903	1003	1003	10	47.50	1.500	.506	.393		
			1003 1005	20.00	1.000	6.051	2.968	5.770	7.870
			1002 1003	20.00	1.000	6.227	2.793	5.772	7.870
903	1003	1003	11	47.50	1.500	.335	.249		
			1003 1005	20.00	1.000	3.930	2.907	4.367	7.870
			1002 1003	20.00	1.000	4.240	.626	3.123	7.870

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS- AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
903	1003	1003	12	47.50	1.500	.494	.390		
			1003 1005	20.00	1.000	5.780	3.018	5.626	7.870
			1002 1003	20.00	1.000	6.058	2.669	5.585	7.870
903	1003	1003	13	47.50	1.500	.303	.213		
			1003 1005	20.00	1.000	3.440	2.877	4.033	7.870
			1002 1003	20.00	1.000	3.826	.738	2.928	7.870
906	1006	1006	10	47.50	1.500	.490	.409		
			1004 1006	20.00	1.000	6.097	2.925	5.772	7.870
			1005 1006	20.00	1.000	5.638	3.029	5.543	7.870
906	1006	1006	11	47.50	1.500	.548	.465		
			1004 1006	20.00	1.000	6.611	3.019	6.162	7.870
			1005 1006	20.00	1.000	6.486	2.832	5.963	7.870
906	1006	1006	12	47.50	1.500	.499	.414		
			1004 1006	20.00	1.000	6.217	2.762	5.746	7.870
			1005 1006	20.00	1.000	5.881	2.936	5.640	7.870
906	1006	1006	13	47.50	1.500	.533	.433		
			1004 1006	20.00	1.000	6.503	2.701	5.891	7.870
			1005 1006	20.00	1.000	6.389	2.671	5.798	7.870
1001	1002	1002	10	24.00	1.000	.313	1.680		
			901 1002	18.00	.750	6.168	2.953	5.488	10.260
1001	1002	1002	11	24.00	1.000	3.375	1.154		
			901 1002	18.00	.750	.141	3.099	2.020	10.260
1001	1002	1002	12	24.00	1.000	.101	1.676		
			901 1002	18.00	.750	6.297	2.925	5.546	10.260
1001	1002	1002	13	24.00	1.000	3.124	1.172		
			901 1002	18.00	.750	.050	2.989	1.897	10.260
1002	1003	1002	10	24.00	1.000	5.144	.663		
			903 1002	18.00	.750	6.257	2.658	5.355	10.260
1002	1003	1002	11	24.00	1.000	3.503	1.256		
			903 1002	18.00	.750	.217	2.597	1.752	10.260

SAFCHK = CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR = PRIMARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/= =S T R E S S = =/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1002	1003	1002	12	24.00	1.000	5.005	.749		
			903 1002	18.00	.750	6.317	2.553	5.326	10.260
1002	1003	1002	13	24.00	1.000	3.101	1.333		
			903 1002	18.00	.750	.060	2.504	1.600	10.260
1003	1005	1005	10	24.00	1.000	4.999	1.279		
			903 1005	18.00	.750	12.450	2.263	8.766	10.260
1003	1005	1005	11	24.00	1.000	3.247	1.568		
			903 1005	18.00	.750	11.093	2.546	8.142	10.260
1003	1005	1005	12	24.00	1.000	4.775	1.366		
			903 1005	18.00	.750	12.377	2.173	8.666	10.260
1003	1005	1005	13	24.00	1.000	2.842	1.582		
			903 1005	18.00	.750	10.394	2.468	7.680	10.260
1005	1006	1005	10	24.00	1.000	4.658	.949		
			906 1005	18.00	.750	12.446	3.044	9.251	10.260
1005	1006	1005	11	24.00	1.000	5.357	.776		
			906 1005	18.00	.750	11.110	2.890	8.367	10.260
1005	1006	1005	12	24.00	1.000	4.858	.898		
			906 1005	18.00	.750	12.445	3.173	9.332	10.260
1005	1006	1005	13	24.00	1.000	5.276	.661		
			906 1005	18.00	.750	10.480	2.883	7.990	10.260
1001	1004	1004	10	24.00	1.000	.010	1.741		
			901 1004	18.00	.750	6.486	2.786	5.571	10.260
1001	1004	1004	11	24.00	1.000	3.039	1.389		
			901 1004	18.00	.750	10.975	3.062	8.395	10.260
1001	1004	1004	12	24.00	1.000	.234	1.710		
			901 1004	18.00	.750	6.263	2.749	5.428	10.260
1001	1004	1004	13	24.00	1.000	2.699	1.356		
			901 1004	18.00	.750	10.353	2.924	7.941	10.260

PCMK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - PRIMARY JOINTS 105 FT MLN STRUCTURE U.S. NAVY 27-771-01

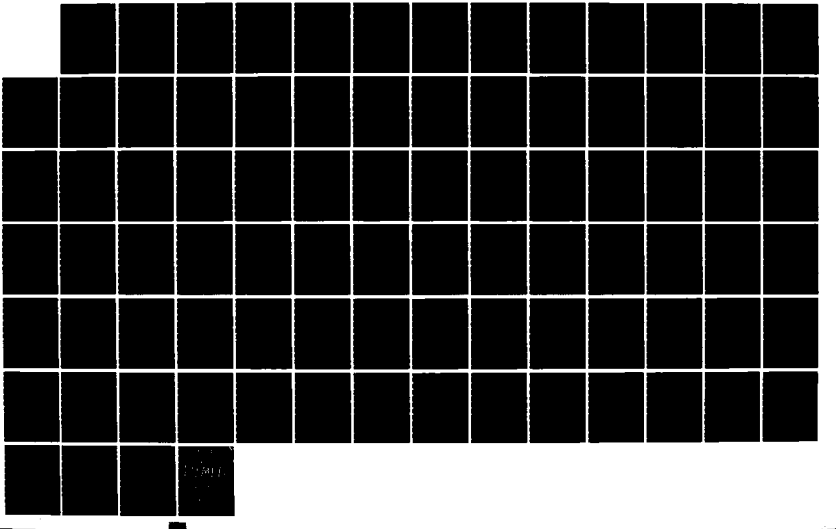
CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS-/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1004	1006	1004	10	24.00	1.000	5.037	.817		
			906 1004	18.00	.750	6.470	2.707	5.512	10.260
1004	1006	1004	11	24.00	1.000	5.461	1.128		
			906 1004	18.00	.750	10.933	2.309	7.899	10.260
1004	1006	1004	12	24.00	1.000	5.135	.761		
			906 1004	18.00	.750	6.336	2.861	5.529	10.260
1004	1006	1004	13	24.00	1.000	5.371	1.012		
			906 1004	18.00	.750	10.382	2.325	7.583	10.260

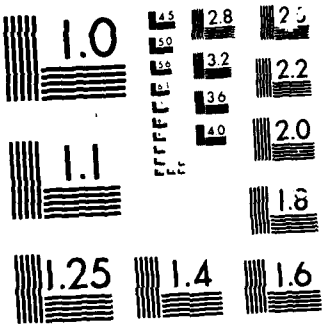
END OF JOINT CHECK

END OF RUN - SAPCHK

AD-A165 690 DESIGN CALCULATIONS 105' MLW STRUCTURE EAST COAST AIR COMBAT MANEUVERING.. (U) CREST ENGINEERING INC TULSA OK SEP 76 27-771-96-VOL-1 CNES/NAVFAC-FPO-7615-VOL-1 11/11

UNCLASSIFIED N62477-76-C-0179 F/G 13/10 NL





MICROCOPY RESOLUTION TEST CHART

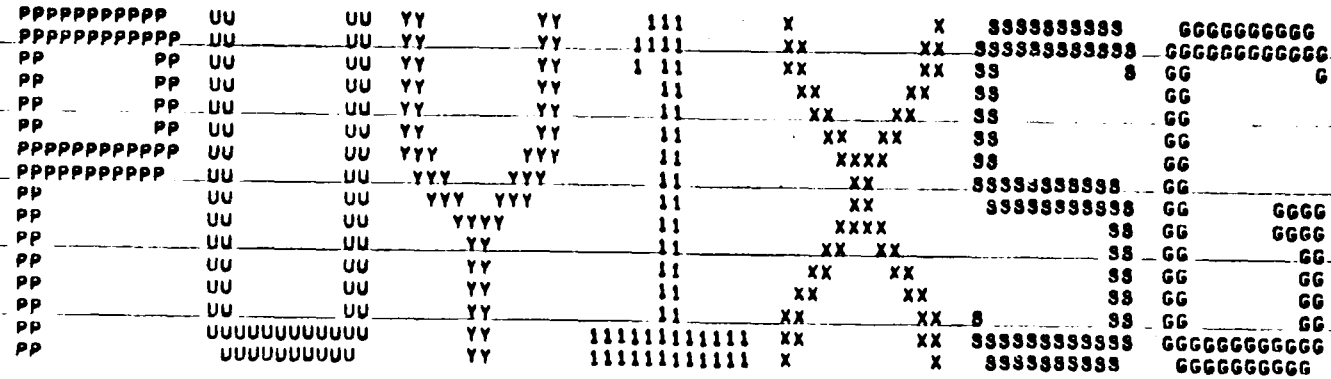
APPENDIX B.7

SAPCHK - Secondary Joints

6000 REMUTE BATCH

UNITED COMPUTING 67, APEX/SL B.7.0

15.52.17. 09/01/76.



SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

API CODE CHECK, PUNCHING SHEAR FOR TUBULAR MEMBERS

SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

INPUT DATA

MEMBER	JOINT	DIAMETER	THICKNESS	START/END	THETA ANGLE	YIELD
502	503	16.000	.625	1	-0.00	36
502	505	10.750	.360	5001	60.00	36
503	505	16.000	.625	2	-0.00	36
502	505	10.750	.360	5002	60.00	36
505	506	16.000	.625	1	-0.00	36
504	505	10.750	.360	5002	60.00	36
504	506	16.000	.625	1	-0.00	36
504	505	10.750	.360	5001	60.00	36
501	504	16.000	.625	2	-0.00	36
502	504	10.750	.360	5002	60.00	36
501	502	16.000	.625	2	-0.00	36
502	504	10.750	.360	5001	60.00	36
702	703	12.750	.370	5001	-0.00	36
702	705	10.750	.360	5001	60.00	36
703	705	12.750	.370	5002	-0.00	36
702	705	10.750	.360	5002	60.00	36
705	706	12.750	.370	5001	-0.00	36
704	705	10.750	.360	5002	60.00	36
704	706	12.750	.370	5001	-0.00	36
704	705	10.750	.360	5001	60.00	36
701	704	12.750	.370	5002	-0.00	36
702	704	10.750	.360	5002	60.00	36
701	702	12.750	.370	5002	-0.00	36
702	704	10.750	.360	5001	60.00	36
802	803	14.000	.500	1	-0.00	36
802	805	10.750	.360	5001	60.00	36
803	805	14.000	.500	2	-0.00	36
802	805	10.750	.360	5002	60.00	36
805	806	14.000	.500	1	-0.00	36
804	805	10.750	.360	5002	60.00	36
804	806	14.000	.500	1	-0.00	36
804	805	10.750	.360	5001	60.00	36
801	804	14.000	.500	2	-0.00	36
802	804	10.750	.360	5002	60.00	36
801	802	14.000	.500	2	-0.00	36
802	804	10.750	.360	5001	60.00	36
902	903	16.000	.500	1	-0.00	36
902	905	10.750	.360	5001	60.00	36
903	905	16.000	.500	2	-0.00	36
902	905	10.750	.360	5002	60.00	36
905	906	16.000	.500	1	-0.00	36
904	905	10.750	.360	5002	60.00	36
904	906	16.000	.500	1	-0.00	36
904	905	10.750	.360	5001	60.00	36
901	904	16.000	.500	2	-0.00	36
902	904	10.750	.360	5002	60.00	36
901	902	16.000	.500	2	-0.00	36
902	904	10.750	.360	5001	60.00	36
1002	1003	24.000	1.000	1	-0.00	36
1002	1005	12.750	.370	5001	60.00	36
1003	1005	24.000	1.000	2	-0.00	36
1002	1005	12.750	.370	5002	60.00	36

1003	1008	24.000	1.000	1	-0.00	36
1004	1005	12.750	.370	5002	60.00	36
1004	1	24.000	1.000	1	-0.00	36
1004	1	12.750	.370	5001	60.00	36
1001	1004	24.000	1.000	2	-0.00	36
1002	1004	12.750	.370	5002	60.00	36
1001	1002	24.000	1.000	2	-0.00	36
1002	1004	12.750	.370	5001	60.00	36

BRACE PROPERTIES TABLE

NUMBER	DIAMETER	THICKNESS	AREA	MODULUS	YIELD
1	1.075000E+01	3.600000E-01	1.175081E+01	2.953599E+01	3.600000E+01
2	1.275000E+01	3.700000E-01	1.439038E+01	4.328436E+01	3.600000E+01

LOAD CASE	LOAD FACTOR
10	1.330
11	1.330
12	1.330
13	1.330

END OF INFORMATION READ - FORCE

240 RECORDS TO BE SORTED

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
502	503	502	10	16.00	.625	.556	2.513		
			502 505	10.75	.360	2.231	2.995	2.450	9.327
502	503	502	11	16.00	.625	4.545	5.058		
			502 505	10.75	.360	1.564	4.054	2.655	9.327
502	503	502	12	16.00	.625	.368	3.020		
			502 505	10.75	.360	2.259	2.939	2.435	9.327
502	503	502	13	16.00	.625	5.874	5.313		
			502 505	10.75	.360	1.512	3.796	2.508	9.327
503	505	505	10	16.00	.625	5.564	1.610		
			502 505	10.75	.360	2.231	2.995	2.450	9.327
503	505	505	11	16.00	.625	3.793	2.421		
			502 505	10.75	.360	1.564	4.054	2.655	9.327
503	505	505	12	16.00	.625	6.340	1.668		
			502 505	10.75	.360	2.259	2.939	2.435	9.327
503	505	505	13	16.00	.625	4.528	2.272		
			502 505	10.75	.360	1.512	3.796	2.508	9.327
505	506	505	10	16.00	.625	4.623	3.299		
			504 505	10.75	.360	1.746	3.989	2.707	9.327
505	506	505	11	16.00	.625	2.859	1.897		
			504 505	10.75	.360	2.385	5.882	3.905	9.327
505	506	505	12	16.00	.625	5.389	3.091		
			504 505	10.75	.360	1.762	4.065	2.750	9.327
505	506	505	13	16.00	.625	3.612	.593		
			504 505	10.75	.360	2.330	5.678	3.782	9.327
504	506	504	10	16.00	.625	8.644	4.823		
			504 505	10.75	.360	1.746	3.989	2.707	9.193

SAPCHK - CREST OFFSHORE, INC, STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLH STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER		DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
504	506	504	11		16.00	.625	10,207	3,912		
			504	505	10.75	.360	2,385	5,882	3,905	9,087
504	506	504	12		16.00	.625	7,813	4,561		
			504	505	10.75	.360	1,762	4,065	2,750	9,327
504	506	504	13		16.00	.625	9,431	3,394		
			504	505	10.75	.360	2,330	5,678	3,782	9,297
501	504	504	10		16.00	.625	8,286	5,702		
			502	504	10.75	.360	.401	3,347	1,788	9,108
501	504	504	11		16.00	.625	9,428	5,153		
			502	504	10.75	.360	.855	3,647	2,138	9,012
501	504	504	12		16.00	.625	7,468	5,612		
			502	504	10.75	.360	.477	2,649	1,488	9,256
501	504	504	13		16.00	.625	8,673	4,961		
			502	504	10.75	.360	.805	3,155	1,879	9,165
501	502	502	10		16.00	.625	1,181	4,383		
			502	504	10.75	.360	.401	3,347	1,788	9,327
501	502	502	11		16.00	.625	4,404	5,378		
			502	504	10.75	.360	.855	3,647	2,138	9,327
501	502	502	12		16.00	.625	.275	4,479		
			502	504	10.75	.360	.477	2,649	1,488	9,327
501	502	502	13		16.00	.625	5,735	5,553		
			502	504	10.75	.360	.805	3,155	1,879	9,327
702	703		10		12.75	.370	5,568	1,625		
			702	705	10.75	.360	1,310	4,382	4,556	8,796
702	703		11		12.75	.370	3,941	1,613		
			702	705	10.75	.360	.718	2,602	2,660	8,796
702	703		12		12.75	.370	5,979	3,007		
			702	705	10.75	.360	1,310	4,316	4,503	8,796

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
702	703	13		12.75	.370	4,595	1,916		
			702 705	10.75	.360	.717	2,550	2,617	8,796
703	705	10		12.75	.370	1,393	3,518		
			702 705	10.75	.360	1,310	4,382	4,556	8,796
703	705	11		12.75	.370	2,190	6,812		
			702 705	10.75	.360	.718	2,602	2,660	8,796
703	705	12		12.75	.370	1,485	3,595		
			702 705	10.75	.360	1,310	4,316	4,503	8,796
703	705	13		12.75	.370	1,939	6,874		
			702 705	10.75	.360	.717	2,550	2,617	8,796
705	706	10		12.75	.370	2,935	4,192		
			704 705	10.75	.360	1,351	4,099	4,359	8,796
705	706	11		12.75	.370	3,517	4,040		
			704 705	10.75	.360	1,532	5,358	5,518	8,796
705	706	12		12.75	.370	3,028	2,771		
			704 705	10.75	.360	1,352	4,252	4,483	8,796
705	706	13		12.75	.370	3,266	2,427		
			704 705	10.75	.360	1,529	5,478	5,613	8,796
704	706	10		12.75	.370	3,201	3,699		
			704 705	10.75	.360	1,351	4,099	4,359	8,796
704	706	11		12.75	.370	1,350	5,067		
			704 705	10.75	.360	1,532	5,358	5,518	8,796
704	706	12		12.75	.370	2,660	2,855		
			704 705	10.75	.360	1,352	4,252	4,483	8,796
704	706	13		12.75	.370	1,568	3,914		
			704 705	10.75	.360	1,529	5,478	5,613	8,796
701	704	10		12.75	.370	2,390	7,790		
			702 704	10.75	.360	.063	.680	.567	8,796

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS-/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
701	704	11		12.75	.370	.016	5.704		
			702 704	10.75	.360	.823	2.400	2.576	8.796
701	704	12		12.75	.370	1.855	8.011		
			702 704	10.75	.360	.021	.526	.443	8.796
701	704	13		12.75	.370	.207	5.793		
			702 704	10.75	.360	.813	2.331	2.513	8.796
701	702	10		12.75	.370	8.819	8.312		
			702 704	10.75	.360	.063	.640	.567	8.721
701	702	11		12.75	.370	3.989	6.995		
			702 704	10.75	.360	.823	2.400	2.576	8.796
701	702	12		12.75	.370	5.217	8.088		
			702 704	10.75	.360	.021	.526	.443	8.694
701	702	13		12.75	.370	4.641	6.898		
			702 704	10.75	.360	.813	2.331	2.513	8.796
802	803	802 10		14.00	.500	1.466	3.232		
			802 805	10.75	.360	1.282	4.227	3.263	9.344
802	803	802 11		14.00	.500	2.767	5.487		
			802 805	10.75	.360	.757	2.870	2.151	9.344
802	803	802 12		14.00	.500	1.853	3.269		
			802 805	10.75	.360	1.267	4.202	3.251	9.344
802	803	802 13		14.00	.500	3.187	5.475		
			802 805	10.75	.360	.752	2.829	2.124	9.344
803	805	805 10		14.00	.500	3.156	1.437		
			802 805	10.75	.360	1.282	4.227	3.263	9.344
803	805	805 11		14.00	.500	1.106	4.263		
			802 805	10.75	.360	.757	2.870	2.151	9.344
803	805	805 12		14.00	.500	3.011	1.447		
			802 805	10.75	.360	1.267	4.202	3.251	9.344

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS- AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
803	805	805	13	14.00	.500	1.083	4.288		
			802 805	10.75	.360	.752	2.829	2.124	9.344
805	806	805	10	14.00	.500	2.212	2.543		
			804 805	10.75	.360	1.224	4.389	3.327	9.344
805	806	805	11	14.00	.500	.271	1.008		
			804 805	10.75	.360	1.445	5.780	4.287	9.344
805	806	805	12	14.00	.500	2.063	2.424		
			804 805	10.75	.360	1.231	4.504	3.400	9.344
805	806	805	13	14.00	.500	.243	.640		
			804 805	10.75	.360	1.448	5.939	4.384	9.344
804	806	804	10	14.00	.500	4.407	3.911		
			804 805	10.75	.360	1.224	4.389	3.327	9.344
804	806	804	11	14.00	.500	4.234	1.503		
			804 805	10.75	.360	1.445	5.780	4.287	9.344
804	806	804	12	14.00	.500	4.020	3.963		
			804 805	10.75	.360	1.231	4.504	3.400	9.344
804	806	804	13	14.00	.500	4.093	1.436		
			804 805	10.75	.360	1.448	5.939	4.384	9.344
801	804	804	10	14.00	.500	3.945	6.189		
			802 804	10.75	.360	.041	.753	.475	9.344
801	804	804	11	14.00	.500	3.419	4.826		
			802 804	10.75	.360	.694	2.789	2.067	9.344
801	804	804	12	14.00	.500	3.561	6.298		
			802 804	10.75	.360	.067	.559	.373	9.344
801	804	804	13	14.00	.500	3.274	4.881		
			802 804	10.75	.360	.689	2.700	2.011	9.344
801	802	802	10	14.00	.500	.955	5.918		
			802 804	10.75	.360	.041	.753	.475	9.344

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-STRESS- AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
801	802	802	11	14.00	.500	2,748	5,605		
			802 804	10.75	.360	.694	2,789	2,067	9,344
801	802	802	12	14.00	.500	1,339	5,855		
			802 804	10.75	.360	.067	.559	.373	9,344
801	802	802	13	14.00	.500	3,169	5,578		
			802 804	10.75	.360	.689	2,700	2,011	9,344
902	903	902	10	16.00	.500	4,265	2,084		
			902 905	10.75	.360	1,192	3,742	2,921	7,915
902	903	902	11	16.00	.500	1,250	4,229		
			902 905	10.75	.360	.748	2,817	2,114	7,915
902	903	902	12	16.00	.500	3,952	2,139		
			902 905	10.75	.360	1,204	3,829	2,980	7,915
902	903	902	13	16.00	.500	.497	4,328		
			902 905	10.75	.360	.746	2,927	2,179	7,915
903	905	905	10	16.00	.500	7,801	.298		
			902 905	10.75	.360	1,192	3,742	2,921	7,915
903	905	905	11	16.00	.500	7,121	2,708		
			902 905	10.75	.360	.748	2,817	2,114	7,915
903	905	905	12	16.00	.500	7,284	.435		
			902 905	10.75	.360	1,204	3,829	2,980	7,915
903	905	905	13	16.00	.500	6,574	2,818		
			902 905	10.75	.360	.746	2,927	2,179	7,915
905	906	905	10	16.00	.500	7,069	2,382		
			904 905	10.75	.360	1,095	4,225	3,156	7,915
905	906	905	11	16.00	.500	6,449	.282		
			904 905	10.75	.360	1,333	6,107	4,420	7,915
905	906	905	12	16.00	.500	6,542	2,368		
			904 905	10.75	.360	1,111	4,405	3,273	7,915

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- -S T R E S S - -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
905	906	905	13	16.00	.500	5.902	.364		
			904 905	10.75	.360	1.331	6.203	4.476	7.915
904	906	904	10	16.00	.500	3.572	3.349		
			904 905	10.75	.360	1.095	4.225	3.156	7.915
904	906	904	11	16.00	.500	6.386	1.682		
			904 905	10.75	.360	1.333	6.107	4.420	7.915
904	906	904	12	16.00	.500	3.256	3.397		
			904 905	10.75	.360	1.111	4.405	3.273	7.915
904	906	904	13	16.00	.500	6.515	1.691		
			904 905	10.75	.360	1.331	6.203	4.476	7.915
901	904	904	10	16.00	.500	3.227	5.204		
			902 904	10.75	.360	.089	1.213	.778	7.915
901	904	904	11	16.00	.500	5.751	4.285		
			902 904	10.75	.360	.604	2.900	2.083	7.915
901	904	904	12	16.00	.500	2.907	5.248		
			902 904	10.75	.360	.099	1.002	.657	7.915
901	904	904	13	16.00	.500	5.881	4.259		
			902 904	10.75	.360	.608	2.802	2.026	7.915
901	902	902	10	16.00	.500	4.683	4.449		
			902 904	10.75	.360	.089	1.213	.778	7.915
901	902	902	11	16.00	.500	1.268	4.512		
			902 904	10.75	.360	.604	2.900	2.083	7.915
901	902	902	12	16.00	.500	4.374	4.434		
			902 904	10.75	.360	.099	1.002	.657	7.915
901	902	902	13	16.00	.500	.532	4.536		
			902 904	10.75	.360	.608	2.802	2.026	7.915
1002	1003	1002	10	24.00	1.000	5.144	.663		
			1002 1005	12.75	.370	1.965	4.240	1.880	9.625

SAP[illegible] - CHEST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SY[illegible]M

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	-S T R E S S - AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1002	1003	1002	11	24.00	1.000	3.503	1.256		
			1002 1005	12.75	.370	1.124	6.022	2.184	9.625
1002	1003	1002	12	24.00	1.000	5.005	.749		
			1002 1005	12.75	.370	1.986	4.658	2.015	9.625
1002	1003	1002	13	24.00	1.000	3.161	1.333		
			1002 1005	12.75	.370	1.147	6.477	2.331	9.625
1003	1005	1005	10	24.00	1.000	4.999	1.279		
			1002 1005	12.75	.370	1.965	4.240	1.880	9.625
1003	1005	1005	11	24.00	1.000	3.247	1.568		
			1002 1005	12.75	.370	1.124	6.022	2.184	9.625
1003	1005	1005	12	24.00	1.000	4.775	1.366		
			1002 1005	12.75	.370	1.986	4.658	2.015	9.625
1003	1005	1005	13	24.00	1.000	2.842	1.582		
			1002 1005	12.75	.370	1.147	6.477	2.331	9.625
1005	1006	1005	10	24.00	1.000	4.658	.949		
			1004 1005	12.75	.370	1.970	4.184	1.864	9.625
1005	1006	1005	11	24.00	1.000	5.357	.776		
			1004 1005	12.75	.370	2.286	5.778	2.447	9.625
1005	1006	1005	12	24.00	1.000	4.858	.898		
			1004 1005	12.75	.370	1.962	4.091	1.833	9.625
1005	1006	1005	13	24.00	1.000	5.276	.661		
			1004 1005	12.75	.370	2.273	6.093	2.541	9.625
1004	1006	1004	10	24.00	1.000	5.037	.817		
			1004 1005	12.75	.370	1.970	4.184	1.864	9.625
1004	1006	1004	11	24.00	1.000	5.461	1.128		
			1004 1005	12.75	.370	2.286	5.778	2.447	9.625
1004	1006	1004	12	24.00	1.000	5.135	.761		
			1004 1005	12.75	.370	1.962	4.091	1.833	9.625

SAPCHK - CREST OFFSHORE, INC. STRUCTURAL POSTPROCESSOR SYSTEM

PUNCHING SHEAR CHECK FOR - SECONDARY JOINTS 105 FT MLW STRUCTURE U.S. NAVY 27-771-01

CHORD NUMBER	JOINT NUMBER	LOAD CASE	BRACE NUMBER	DIAMETER	THICKNESS	/- STRESS -/ AXIAL	BENDING	CALCULATED PUNCHING SHEAR	ALLOWABLE PUNCHING SHEAR
1004	1006	1004	13	24.00	1.000	5.371	1.012		
			1004 1005	12.75	.370	2.273	6.093	2.541	9.625
1001	1004	1004	10	24.00	1.000	.010	1.741		
			1002 1004	12.75	.370	.008	6.988	2.157	9.625
1001	1004	1004	11	24.00	1.000	3.039	1.389		
			1002 1004	12.75	.370	1.147	5.971	2.175	9.625
1001	1004	1004	12	24.00	1.000	.234	1.710		
			1002 1004	12.75	.370	.009	7.476	2.308	9.625
1001	1004	1004	13	24.00	1.000	2.699	1.356		
			1002 1004	12.75	.370	1.168	6.197	2.251	9.625
1001	1002	1002	10	24.00	1.000	.313	1.680		
			1002 1004	12.75	.370	.008	6.988	2.157	9.625
1001	1002	1002	11	24.00	1.000	3.375	1.154		
			1002 1004	12.75	.370	1.147	5.971	2.175	9.625
1001	1002	1002	12	24.00	1.000	.101	1.676		
			1002 1004	12.75	.370	.009	7.476	2.308	9.625
1001	1002	1002	13	24.00	1.000	3.124	1.172		
			1002 1004	12.75	.370	1.168	6.197	2.251	9.625

END OF JOINT CHECK

END OF RUN - SAPCHK

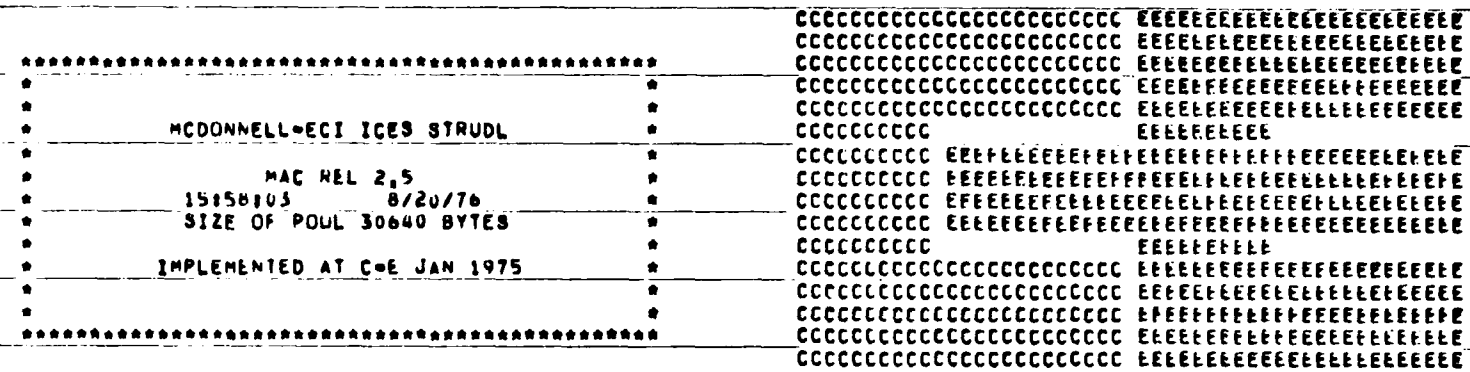
APPENDIX B.8

LIFT ANALYSIS

```
MCDONNELL-ECI ICES EXECUTIVE SYSTEM

MAC REL. 2,3 - RELEASED 2/5/73
TIME=15,57,00, 8/20/76
```

STRUDL 'ACMR' 'LIFTING ANALYSIS •• PLATFORM #3 & #8 •• U.S.NAVY'



TYPE SPACE FRAME

UNIT FT

JOINT COORDINATES

401	•55.94	14.75	0.
403	•58.03	0.	25.05
406	•55.94	•14.75	0.
501	•53.18	15.15	0.
502	•54.27	7.58	13.08
503	•55.36	0.	26.15
504	•53.18	0.	0.
505	•54.27	•7.58	13.08
506	•53.18	•15.15	0.
701	•28.10	18.76	0.
702	•29.45	9.38	16.19

703	-30.8	0.	32.36	S
704	-28.10	0.	0.	
705	-29.45	-9.38	16.19	
706	-28.10	-18.76	0.	
801	0.	22.80	0.	
802	-1.14	11.40	19.68	
803	-3.28	0.	59.35	
804	0.	0.	0.	
805	-1.14	-11.40	19.68	
806	0.	-22.80	0.	
901	32.11	27.42	0.	
902	30.14	13.71	23.67	
903	28.17	0.	47.33	S
904	32.11	0.	0.	
905	30.14	-13.71	23.67	
906	32.11	-27.42	0.	
1001	64.22	32.	0.	
1002	61.92	16.29	27.65	
1003	59.61	0.	55.30	
1004	64.22	0.	0.	
1005	61.92	-16.29	27.65	
1006	64.22	-32.0	0.	
1101	68.23	32.58	0.	
1103	63.58	0.	56.28	
1106	68.23	-32.58	0.	

MEMBER INCIDENCES

1	401	501
2	403	503
3	406	506
4	501	701
5	503	703
6	506	706
7	701	801
8	703	803
9	706	806
10	801	901
11	803	903
12	806	906
13	901	1001
14	903	1003
15	906	1006
16	1001	1101
17	1003	1103
18	1006	1106
19	506	701
20	503	706
21	501	703
22	701	806
23	706	803
24	703	801

25	806	901
26	803	906
27	801	903
28	901	1004
29	906	1004
30	903	1005
31	906	1005
32	903	1002
33	901	1002
34	501	504
35	504	506
36	506	505
37	505	503
38	503	502
39	502	501
40	701	704
41	704	706
42	706	705
43	705	703
44	703	702
45	702	701
46	801	804
47	804	806
48	806	805
49	805	803

50	803	802
51	802	801
52	901	904
53	904	906
54	906	905
55	905	903
56	903	902
57	902	901
58	1001	1004
59	1004	1006
60	1006	1005
61	1005	1003
62	1003	1002
63	1002	1001
64	502	504
65	504	505
66	505	502
67	702	704
68	704	705
69	705	702
70	802	804
71	804	805
72	805	802
73	902	904
74	904	905

```
79        905       902
76        1002      1004
77        1004      1005
78        1005      1002
JOINT RELEASES
703 903 MOM X  MOM Y  MOM Z  FOR Y
UNIT IN KIPS
MEMBER PROPERTIES PRISMATICS
1 TO 6 16 TO 18 =
    AX 214,41   IX 111093,36   IY 55546,68   IZ 55546,68   SY 2363,69 SZ 2363,69
7 TO 15 =
    AX  71,47   IX  36995,38   IY 18497,69   IZ 18497,69   SY  804,25 SZ  804,25
19 TO 21 =
    AX  66,71   IX   5962,80   IY  2981,40   IZ  2981,40   SY  298,14 SZ  298,14
22 TO 27 58 TO 63 =
    AX  38,04   IX   3574,08   IY  1787,04   IZ  1787,04   SY  178,71 SZ  178,71
28 TO 33 =
    AX  27,49   IX   2106,32   IY  1053,16   IZ  1053,16   SY  117,02 SZ  117,02
34 TO 39 52 TO 57 =
    AX  24,35   IX   1463,86   IY   731,93   IZ   731,93   SY   91,49 SZ   91,49
40 TO 45 =
    AX  19,24   IX    723,08   IY   361,54   IZ   361,54   SY   56,71 SZ   56,71
46 TO 51 =
    AX  21,20   IX    967,40   IY   483,70   IZ   483,70   SY   69,10 SZ   69,10
64 TO 75 =
    AX  11,91   IX    321,46   IY   160,73   IZ   160,73   SY   29,90 SZ   29,90
76 TO 78 =
    AX  14,58   IX    558,64   IY   279,32   IZ   279,32   SY   43,81 SZ   43,81
CONSTANTS
 E 30000,   ALL
```

```
UNIT FT LBS
LOADING 1 'JACKET DEAD LOAD FOR LIFTING --PLATFORM #3 & #4'
MEMBER LOADS
1 TO 3  FOR Z GLO UNI    = -864,43
4 TO 6  FOR Z GLO UNI FR = -864,43  LA 0,0   LB 0,15
4 TO 6  FOR Z GLO UNI FR = -728,92  LA 0,15  LB 1,0
7 TO 9  FOR Z GLO UNI FR = -728,92  LA 0,0   LB 0,125
7 TO 9  FOR Z GLO UNI FR = -242,97  LA 0,125 LB 0,83
7 TO 9  FOR Z GLO UNI FR = -728,92  LA 0,83  LB 1,0
10 TO 12  FOR Z GLO UNI FR = -728,92  LA 0,0   LB 0,10
10 TO 12  FOR Z GLO UNI FR = -242,97  LA 0,10  LB 0,852
10 TO 12  FOR Z GLO UNI FR = -610,77  LA 0,852 LB 1,0
13 TO 15  FOR Z GLO UNI FR = -610,77  LA 0,0   LB 0,117
13 TO 15  FOR Z GLO UNI FR = -242,97  LA 0,117 LB 0,94
13 TO 15  FOR Z GLO UNI FR = -728,92  LA 0,94  LB 1,0
16 TO 18  FOR Z GLO UNI    = -728,92
19 TO 21  FOR Z GLO UNI    = -226,78
22 TO 27  FOR Z GLO UNI    = -129,32
28 TO 33  FOR Z GLO UNI    =  -93,45
34 TO 39  FOR Z GLO UNI    =  -82,77
40 TO 45  FOR Z GLO UNI    =  -65,35
46 TO 51  FOR Z GLO UNI    =  -72,02
52 TO 57  FOR Z GLO UNI    =  -82,77
58 TO 63  FOR Z GLO UNI    = -129,32
64 TO 75  FOR Z GLO UNI    =  -40,44
```

76 TO 78 FOR Z GLO UNI = -49.52

LOADING LIST ALL

STIFFNESS ANALYSIS

STATICS CHECK FAILED FOR JOINT 1101 LOADING 1 COUNT 2

DOF	1	2	3	4	5	6
UNBALANCE	9.985560-01	7.111890 00	-7.304340 00	9.040250 01	-3.636880 02	-3.184800 02
FORCE	0.0	0.0	0.0	0.0	0.0	0.0
TOLERANCE	7.761680 00	9.780380 00	1.650300 01	1.224070 02	3.084050 02	1.861670 02

STATICS CHECK FAILED FOR JOINT 1103 LOADING 1 COUNT 1

DOF	1	2	3	4	5	6
UNBALANCE	-8.164870-02	-7.218750 00	9.611210-01	-1.007720 02	4.242910 01	3.447830 02
FORCE	0.0	0.0	0.0	0.0	0.0	0.0
TOLERANCE	7.761680 00	9.780380 00	1.650300 01	1.224070 02	3.084050 02	1.861670 02

OUTPUT DECIMAL 2

UNIT IN KIP

LIST FORCES REACTIONS ALL

****
RESULTS OF LATEST ANALYSES
****

PROBLEM = ACMR TITLE = LIFTING ANALYSIS -- PLATFORM #3 & #4 -- U.S.NAVY

ACTIVE UNITS INCH KIPS RAD FAHR SEC LBM

LOADING = 1 JACKET DEAD LOAD FOR LIFTING --PLATFORM #3 & #4

MEMBER FORCES

MEMBER	JOINT	FORCE AXIAL	FORCE SHEAR Y	FORCE SHEAR Z	MOMENT TORSIONAL	MOMENT BENDING Y	MOMENT BENDING Z
1	401	-0.00	0.00	0.00	0.00	0.00	0.00
1	501	0.00	-0.00	2.41	-0.00	40.33	0.00
2	403	-0.00	-0.00	0.00	0.00	-0.00	-0.01
2	503	0.95	0.00	2.31	-0.00	39.99	-0.00
3	406	0.00	0.00	-0.00	0.00	-0.00	0.00
3	506	-0.00	-0.00	2.41	-0.00	40.34	0.01
4	501	21.57	-1.62	9.38	-186.41	54.31	8.55
4	701	-21.57	1.62	9.61	186.41	47.35	-500.23
5	503	-16.75	-3.74	2.91	277.55	424.50	-66.63
5	703	21.42	3.74	15.49	-277.55	1553.21	-1071.19
6	506	-2.62	-1.78	7.75	148.04	180.43	-10.76
6	706	2.62	1.78	11.24	-148.04	416.69	-531.41
7	701	17.98	2.40	4.91	4.80	-271.89	461.67
7	801	-17.98	-2.40	6.06	-4.80	391.98	355.76
8	703	9.01	5.41	12.34	-111.24	-1520.26	1173.48
8	803	-6.31	-5.41	-1.71	111.24	-945.52	669.34
9	706	10.39	3.06	7.23	320.82	-401.96	587.09
9	806	-10.39	-3.06	3.73	-320.82	-268.79	455.58
10	801	23.17	-1.21	6.08	-6.70	-396.18	-348.10
10	901	-23.17	1.21	5.14	6.70	196.80	-122.08
11	803	-5.50	-2.52	-1.54	210.64	1115.28	-814.10
11	903	8.27	2.52	12.42	-210.64	1585.60	-168.28
12	806	12.43	-1.50	3.15	-55.61	146.21	-404.63

MEMBER FORCES

MEMBER	JOINT	FORCE			MOMENT		
		AXIAL	SHEAR Y	SHEAR Z	TORSIONAL	BENDING Y	BENDING Z
12	906	-12,43	1,50	8,07	55,61	795,42	-180,74
13	901	0,76	0,25	6,14	185,25	-355,06	84,08
13	1001	-0,76	-0,25	4,08	-185,25	21,04	11,75
14	903	3,25	0,62	8,51	-3,75	-1357,64	239,68
14	1003	-0,74	-0,62	1,40	3,75	37,48	3,15
15	906	0,77	0,46	7,44	-117,01	-822,54	167,51
15	1006	-0,77	-0,46	2,79	117,01	-15,29	13,37
16	1001	-0,00	-0,01	2,96	-0,04	-71,78	-0,02
16	1101	0,00	0,01	-0,01	0,04	-0,37	-0,32
17	1003	0,69	0,01	2,86	0,02	-69,45	-0,01
17	1103	0,00	-0,01	0,00	-0,02	0,04	0,36
18	1006	0,00	0,00	2,95	-0,02	-71,82	0,02
18	1106	-0,00	-0,00	0,01	0,02	0,29	-0,02
19	506	2,81	0,03	4,50	-55,26	-236,21	17,79
19	701	-2,81	-0,03	5,06	55,26	376,97	-2,66
20	503	23,61	-2,05	4,05	27,70	-443,30	-211,60
20	706	-29,54	-0,90	2,85	-27,70	141,21	-80,02
21	501	-55,89	0,89	2,39	18,08	-100,27	-61,01
21	703	43,23	1,93	3,04	-18,08	264,78	-202,97
22	701	6,46	0,06	2,76	31,82	-101,81	21,82
22	806	-6,46	-0,06	3,75	-31,82	393,40	16,48
23	706	2,64	-0,71	1,65	-7,85	-140,83	31,34
23	803	2,45	-1,35	1,81	7,85	190,47	160,75
24	703	-17,86	1,35	2,38	-25,55	-270,23	171,74
24	801	13,67	0,78	2,09	25,35	181,10	0,58
25	806	1,37	-0,01	3,77	-40,22	-374,88	-11,08
25	901	-1,37	0,01	3,94	40,22	436,03	0,43
26	803	16,51	-1,38	2,65	28,51	-305,00	-150,45
26	906	-21,60	-1,26	2,53	-28,51	269,95	107,46
27	801	-27,49	0,91	1,83	5,31	-166,02	-13,46
27	903	33,61	1,63	2,12	-5,31	269,77	-242,79
28	901	0,54	0,00	1,97	2,89	-115,07	2,01
28	1004	-0,54	-0,00	1,98	-2,89	116,70	-1,43
29	906	0,30	0,04	2,09	0,50	-161,31	11,84
29	1004	-0,30	-0,04	1,86	-0,50	104,20	8,19
30	903	-25,31	-0,46	2,09	-1,38	-252,16	-38,99
30	1005	23,47	-0,31	1,33	1,38	40,24	0,21
31	906	26,33	-0,18	1,49	-3,19	-122,89	31,92
31	1005	-23,74	-0,52	1,40	3,19	98,37	54,53
32	903	-27,07	0,46	2,02	9,55	-220,11	57,81
32	1002	25,23	0,31	1,40	-9,55	62,45	-19,38
33	901	28,38	0,21	1,42	19,94	-88,44	-37,80
33	1002	-25,80	0,50	1,47	-19,94	101,99	-36,94
34	501	6,51	0,22	-0,23	-3,77	77,91	25,13

MEMBER FORCES

MEMBER	JOINT	FORCE			MOMENT		
		AXIAL	SHEAR Y	SHEAR Z	TORSIONAL	BENDING Y	BENDING Z
34	504	-6,51	-0,22	1,48	3,77	77,24	14,25
35	504	5,94	-0,09	2,04	-2,84	-92,15	-15,46
35	506	-5,94	0,09	-0,79	2,84	-164,88	-1,81
36	506	-15,46	1,05	0,05	2,89	-12,85	170,04
36	505	16,55	-1,67	-0,15	-2,89	-4,84	77,22
37	505	-20,52	-0,51	0,18	0,66	4,59	-49,24
37	503	21,60	-0,11	-0,29	-0,66	-47,10	9,20
38	503	10,36	0,21	0,08	-15,80	-8,24	-2,82
38	502	-11,45	0,41	0,02	13,80	2,46	-15,71
39	502	15,72	0,95	-0,12	-5,93	1,57	34,52
39	501	-16,81	-0,33	0,23	5,93	30,26	81,93
40	701	8,69	0,11	0,02	-0,92	98,84	11,01
40	704	-8,69	-0,11	1,21	0,92	74,79	14,09
41	704	8,60	-0,14	1,29	-0,92	-79,83	-15,25
41	706	-8,60	0,14	-0,06	0,92	-72,73	-17,32
42	706	-48,81	0,23	-0,11	-0,24	6,68	70,73
42	705	49,87	-0,84	0,01	0,24	6,53	50,17
43	705	-53,23	-0,29	0,06	2,05	-6,32	-16,65
43	703	54,28	-0,32	-0,17	-2,05	-19,41	19,42
44	703	-31,36	0,34	0,15	-3,00	-17,31	16,19
44	702	30,30	0,27	-0,05	3,00	-5,48	-8,62
45	702	-26,91	0,74	-0,02	-1,29	6,40	39,93
45	701	25,85	-0,13	0,12	1,29	9,53	57,20
46	801	7,05	0,06	0,33	-5,10	45,75	5,90
46	804	-7,05	-0,06	1,32	5,10	89,54	10,13
47	804	6,13	-0,17	1,40	-2,26	-81,22	-21,25
47	806	-6,13	0,17	0,24	2,26	-77,44	-25,22
48	806	-16,60	0,61	-0,53	9,45	62,84	136,36
48	805	18,02	-1,43	0,44	-9,45	69,94	143,29
49	805	-22,27	-0,32	0,38	-5,14	-60,04	15,67
49	803	23,68	-0,50	-0,56	5,14	-69,63	9,63
50	803	10,95	0,26	0,05	-7,21	-4,69	25,35
50	802	-12,37	0,55	0,12	7,21	14,55	-65,07
51	802	16,02	0,42	0,20	7,17	-25,84	-20,21
51	801	-17,43	0,40	-0,10	-7,17	-15,18	24,10
52	901	11,34	0,22	0,33	-5,55	105,84	38,23
52	904	-11,34	-0,22	1,94	5,55	159,23	32,98
53	904	10,88	-0,18	1,78	-3,08	-142,69	-31,92
53	906	-10,88	0,18	0,49	3,08	-69,57	-26,43
54	906	-61,11	0,28	-0,18	1,65	11,03	118,49
54	905	63,06	-1,41	-0,01	-1,65	16,73	159,19
55	905	-68,57	-0,27	0,06	-0,58	-12,16	34,78
55	903	70,53	-0,86	-0,25	0,58	-39,89	63,57
56	903	-51,81	0,32	0,25	-8,70	-31,66	18,86

MEMBER FORCES

MEMBER	JOINT	FORCE			MOMENT		
		AXIAL	SHEAR Y	SHEAR Z	TORSIONAL	BENDING Y	BENDING Z
56	902	49,85	0,81	-0,06	8,70	-19,47	-100,96
57	902	-45,26	0,86	-0,08	0,84	16,20	16,40
57	901	43,30	0,27	0,27	-0,84	41,17	79,60
58	1001	4,97	-0,05	1,35	-55,55	64,60	-8,97
58	1004	-4,97	0,05	2,79	55,55	212,12	-9,58
59	1004	4,79	-0,00	2,60	55,15	-202,55	2,78
59	1006	-4,79	0,00	1,54	-55,15	-2,12	-4,13
60	1006	-8,55	-0,26	-0,22	22,71	41,82	101,67
60	1005	12,15	-1,76	-0,12	-22,71	-21,69	186,26
61	1005	5,79	-0,90	0,00	-31,59	-69,81	-16,51
61	1003	-2,21	-1,20	-0,35	31,59	2,52	74,90
62	1003	3,90	0,93	0,36	32,59	-3,13	71,70
62	1002	-7,47	1,17	-0,02	-32,59	-70,08	-119,35
63	1002	-13,53	1,54	0,27	-20,69	-51,39	89,75
63	1001	9,96	0,49	0,07	20,69	12,20	110,92
64	502	-3,08	-0,16	0,06	0,30	-6,47	-8,10
64	504	2,55	-0,15	-0,01	-0,30	-0,27	7,06
65	504	-1,63	0,01	-0,03	-0,88	0,66	-7,90
65	505	2,16	0,29	-0,02	0,88	0,12	-17,71
66	505	4,71	0,02	0,32	1,67	-14,14	2,16
66	502	-4,71	-0,02	0,29	-1,67	10,83	0,92
67	702	-2,24	-0,23	0,04	0,26	-1,77	-13,66
67	704	1,59	-0,15	0,02	-0,26	-0,44	5,19
68	704	-1,46	0,12	-0,03	0,13	0,36	0,08
68	705	2,12	0,26	-0,04	-0,13	-1,58	-16,12
69	705	3,50	-0,00	0,38	-0,02	-17,42	0,47
69	702	-3,50	0,00	0,38	0,02	17,63	-1,10
70	802	-3,55	-0,34	0,05	1,76	0,33	-33,93
70	804	2,76	-0,12	0,01	-1,76	-6,03	3,92
71	804	-0,63	0,29	-0,07	2,49	9,74	11,59
71	805	1,42	0,17	0,01	-2,49	0,80	4,22
72	805	4,17	0,22	1,49	-3,17	-163,00	29,73
72	802	-4,17	-0,22	-0,56	3,17	-117,64	29,96
73	902	-3,86	-0,39	0,05	0,65	-1,69	-39,18
73	904	2,90	-0,17	0,05	-0,65	1,85	3,02
74	904	-1,70	0,32	-0,04	0,32	0,81	19,58
74	905	2,66	0,23	-0,05	-0,32	-3,65	-4,27
75	905	5,34	0,13	1,50	0,16	-188,52	22,03
75	902	-5,34	-0,13	-0,39	-0,16	-122,47	19,85
76	1002	-7,58	-0,48	0,23	-3,25	-32,01	-42,72
76	1004	5,97	-0,33	-0,10	3,25	-32,67	14,10
77	1004	-5,19	0,43	0,10	3,95	-31,33	29,15
77	1005	6,56	0,38	-0,23	-3,95	-32,31	-19,41
78	1005	12,49	0,10	1,49	-0,21	-187,40	16,98

MEMBER FORCES

MEMBER	JOINT	FORCE			MOMENT		
		AXIAL	SHEAR Y	SHEAR Z	TORSIONAL	BENDING Y	BENDING Z
78	1002	-12,49	-0,10	0,12	0,21	-79,80	23,78

RESULTANT JOINT LOADS - SUPPORTS

JOINT		FORCE			MOMENT		
		X FORCE	Y FORCE	Z FORCE	X MOMENT	Y MOMENT	Z MOMENT
703	GLOBAL	27,94	0,00	157,83	0,00	0,00	-0,00
903	GLOBAL	-27,94	0,00	185,70	0,00	0,00	-0,00
		0.00		343.53 K			

```
FINISH
```

APPENDIX B.9

MATERIAL LISTING

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

1	30.000	1.750	0.0	3	5.000	SHT.1 LEG CAN
1	30.000	1.000	0.0	3	9.083	SHT.1 LEG CAN
1	30.000	1.500	0.0	3	5.000	SHT.1 LEG CAN
1	30.000	1.000	0.0	1	8.053	SHT.1 LEG CAN
1	30.000	1.000	0.0	2	5.657	SHT.1 LEG CAN
1	30.000	1.500	0.0	1	4.395	SHT.1 LEG CAN
1	30.000	1.500	0.0	2	6.791	SHT.1 LEG CAN
1	30.000	1.000	0.0	3	18.969	SHT.1 LEG CAN
3	5.320	5.320	1.000	3	0.0	SHT.1 LEG CONE
1	42.000	1.000	0.0	3	5.000	SHT.1 LEG CAN
2	18.000	50.000	0.0	5	26.375	SHT.1 HORIZBRACE
2	21.000	73.000	0.0	1	26.667	SHT.1 HORIZBRACE
1	12.750	0.500	0.0	3	24.333	SHT.1 DIAGBRACE
1	12.750	1.000	0.0	3	2.667	SHT.1 DIAGBRACE
1	12.750	0.750	0.0	3	2.667	SHT.1 DIAGBRACE
1	12.750	0.500	0.0	3	22.295	SHT.1 HORIZBRACE
1	12.750	0.750	0.0	6	2.437	SHT.1 HORIZBRACE
1	8.625	0.322	0.0	2	13.788	SHT.1 DIAGBRACE
2	4.000	24.000	0.0	3	4.543	SHT.2 BRACES
2	6.000	15.500	0.0	3	7.750	SHT.2 BRACES
2	8.000	24.000	0.0	3	14.500	SHT.2 BRACES
2	6.000	15.500	0.0	1	8.000	SHT.2 BRACES
2	8.000	24.000	0.0	2	4.229	SHT.2 BRACES
2	12.000	27.000	0.0	1	5.000	SHT.2 BRACES
2	12.000	27.000	0.0	1	3.667	SHT.2 BRACES
3	0.333	136.000	0.375	1	0.0	SHT.2 FLRPLTSUPPT.
3	19.660	19.660	0.276	1	0.0	SHT.2 FLRPLT .250THK
2	6.000	15.500	0.0	1	2.917	SHT.3 BRACES
2	6.000	15.500	0.0	1	5.750	SHT.3 BRACES
2	6.000	15.500	0.0	1	8.750	SHT.3 BRACES
2	6.000	15.500	0.0	1	11.583	SHT.3 BRACES
2	8.000	24.000	0.0	1	14.500	SHT.3 BRACES
2	6.000	15.500	0.0	2	2.750	SHT.3 BRACES
2	6.000	15.500	0.0	2	5.833	SHT.3 BRACES
2	6.000	15.500	0.0	2	8.917	SHT.3 BRACES
2	18.000	50.000	0.0	1	7.917	SHT.3 BRACES
2	6.000	15.500	0.0	2	11.917	SHT.3 BRACES
2	8.000	24.000	0.0	2	14.583	SHT.3 BRACES
2	6.000	15.500	0.0	1	4.333	SHT.3 BRACES
2	6.000	15.500	0.0	1	7.167	SHT.3 BRACES
2	6.000	15.500	0.0	1	10.000	SHT.3 BRACES
2	6.000	15.500	0.0	1	13.000	SHT.3 BRACES
2	12.000	27.000	0.0	2	3.270	SHT.3 BRACES
2	8.000	24.000	0.0	2	3.270	SHT.3 BRACES
2	8.000	24.000	0.0	2	4.000	SHT.3 BRACES
2	8.000	24.000	0.0	2	4.229	SHT.3 BRACES
2	12.000	27.000	0.0	2	10.167	SHT.3 BRACES
2	12.000	27.000	0.0	1	18.250	SHT.3 BRACES
2	6.000	15.500	0.0	2	4.917	SHT.3 BRACES
2	6.000	15.500	0.0	7	10.750	SHT.3 BRACES
2	6.000	15.500	0.0	4	3.000	SHT.3 BRACES
3	1.000	1.000	0.250	4	0.0	SHT.3 BRACES
3	0.302	1.406	0.500	14	0.0	SHT.3 BRACES
3	25.270	25.270	0.276	1	0.0	SHT.3 FLRPLT .250THK
3	0.667	10.080	0.500	3	0.0	SHT.4 LEG POINT
3	3.640	3.640	0.500	3	0.0	SHT.4 LEG POINT
3	1.000	1.000	0.500	3	0.0	SHT.4 LEG POINT
3	0.667	3.208	0.750	6	0.0	SHT.4 LEG POINT
3	1.790	1.790	0.750	6	0.0	SHT.4 LEG POINT

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SHT.4 [illegible]
3	0.500	10.140	0.125	3	0.0	SHT.4 LED POINT
4	2.210	3.583	1.250	3	0.0	SHT.4 LIFTLUG
	1.740	1.740	1.250	6	0.0	SHT.4 LIFTLUG
3	2.360	2.360	1.000	3	0.0	SHT.4 LIFTLUG
3	0.738	0.738	1.000	6	0.0	SHT.4 LIFTLUG
3	0.667	1.104	1.000	6	0.0	SHT.4 LIFTLUG
3	0.875	1.208	0.750	2	0.0	SHT.4
1	2.375	0.154	0.0	51	0.489	SHT.5 HANDRAIL DET.
3	0.323	0.489	0.250	34	0.0	SHT.5 HANDRAIL DET.
3	0.281	0.489	0.250	15	0.0	SHT.5 HANDRAIL DET.
1	2.375	0.154	0.0	62	0.083	SHT.5 HANDRAIL DET.
3	0.333	183.000	0.250	1	0.0	SHT.5 HANDRAIL DET.
1	1.900	0.145	0.0	1	590.000	SHT.5 HANDRAIL DET.
1	4.500	0.337	0.0	1	50.500	ANTENNA MOUNT
3	0.375	0.375	0.250	2	0.0	ANTENNA MOUNT
3	0.917	1.000	0.375	15	0.0	ANTENNA MOUNT
5	3.000	3.000	0.375	1	40.000	ANTENNA MOUNT
5	3.000	3.000	0.250	4	1.333	BATTERY BOX TIE DOWN
5	4.000	3.000	0.375	2	8.000	SOLAR PANEL SUPPORT
5	4.000	3.000	0.375	2	3.667	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	1	11.333	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	3	10.417	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	1	9.600	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	1	4.375	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	1	5.229	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	7	0.583	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	1	1.333	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	2	1.833	SOLAR PANEL SUPPORT
5	5.000	3.000	0.375	1	2.333	SOLAR PANEL SUPPORT
1	8.625	0.500	0.0	2	27.000	STAIRWAY NO.1
1	6.625	0.500	0.0	1	12.000	STAIRWAY NO.1
1	6.625	0.500	0.0	3	5.667	STAIRWAY NO.1
4	5.790	5.790	0.0	1	7.360	STAIRWAY NO.1
1	4.500	0.337	0.0	3	5.667	STAIRWAY NO.1
4	0.910	2.500	0.0	25	7.360	STAIRWAY NO.1
3	0.333	12.000	0.250	1	0.0	STAIRWAY NO.1
1	8.625	0.500	0.0	2	0.750	STAIRWAY NO.1
3	0.167	2.450	0.250	1	0.0	STAIRWAY NO.1
3	0.167	0.708	0.500	50	0.0	STAIRWAY NO.1
4	0.625	3.218	0.0	1	7.360	STAIRWAY NO.1
3	0.833	1.250	0.500	2	0.0	STAIRWAY NO.1
5	2.500	2.500	0.250	4	3.218	STAIRWAY NO.1
3	0.333	25.208	0.250	2	0.0	STAIRWAY NO.1
1	1.900	0.145	0.0	1	131.000	STAIRWAY NO.1
1	1.900	0.281	0.0	1	65.000	STAIRWAY NO.1
6	12.000	25.000	0.0	2	37.000	STAIRWAY NO.2
3	0.333	35.239	0.250	2	0.0	STAIRWAY NO.2
3	0.333	16.360	0.250	1	0.0	STAIRWAY NO.2
3	0.333	23.000	0.250	1	0.0	STAIRWAY NO.2
4	0.906	2.500	0.0	35	7.360	STAIRWAY NO.2
5	2.500	2.500	0.250	14	2.500	STAIRWAY NO.2
6	12.000	25.000	0.0	1	16.360	STAIRWAY NO.2
1	1.900	0.145	0.0	1	53.000	STAIRWAY NO.2
2	12.000	27.000	0.0	3	3.750	STAIRWAY NO.2
4	4.010	4.010	0.0	1	7.360	STAIRWAY NO.2
1	4.500	0.337	0.0	3	5.000	STAIRWAY NO.2
1	1.900	0.145	0.0	1	176.000	STAIRWAY NO.2
6	12.000	25.000	0.0	2	16.667	STAIRWAY NO.3
3	0.333	16.333	0.250	2	0.0	STAIRWAY NO.3
6	12.000	25.000	0.0	2	5.000	STAIRWAY NO.3
6	12.000	25.000	0.0	1	3.000	STAIRWAY NO.3
3	0.333	5.000	0.250	2	0.0	STAIRWAY NO.3
4	0.906	2.500	0.0	15	7.360	STAIRWAY NO.3
5	2.500	2.500	0.250	8	2.500	STAIRWAY NO.3
1	1.900	0.145	0.0	1	128.000	STAIRWAY NO.3
6	10.000	15.300	0.0	2	25.500	STAIRWAY NO.4

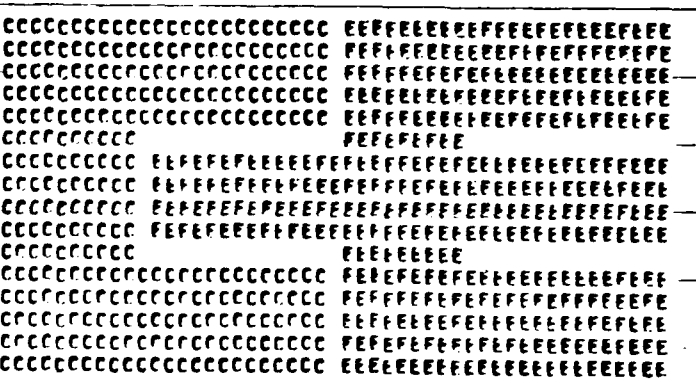
1	0.333	25.000	0.250	2	0.0	STAIRWAY NO.6
8	0.906	2.500	0.0	28	7.[illegible]0	STAIRWAY NO.6
	1.900	0.145	0.0	1	135.	STAIRWAY NO.6
5	2.500	2.500	0.250	1	2.500	STAIRWAY NO.6
3	0.250	2.500	0.375	1	0.0	STAIRWAY NO.6
5	2.500	2.500	0.250	10	2.500	STAIRWAY NO.6
1	2.375	0.154	0.0	3	7.720	ANTI-CLIMB DEVICE
1	2.375	0.154	0.0	1	6.750	ANTI-CLIMB DEVICE
1	2.375	0.154	0.0	4	3.000	ANTI-CLIMB DEVICE
1	2.375	0.154	0.0	1	1.083	ANTI-CLIMB DEVICE
3	0.208	48.500	0.375	2	0.0	SAFETY LADDER
3	0.208	0.750	0.375	16	0.0	SAFETY LADDER
1	2.375	0.154	0.0	1	14.000	CONDUIT PIPE
6	12.000	20.700	0.0	3	1.250	NAV-AID SUPPORT BRKT

MATERIAL LISTING PROGRAM

CREST OFFSHORE, INC.

TULSA, OKLAHOMA

CREATED IN APRIL 1978
MODIFIED FEB 1979



U.S.NAVY ACNR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

U.S.NAVY ACHR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
42.000 O.D. X 1.000 WT	3	5.00	15.00	6974.4
30.000 O.D. X 1.750 WT	3	5.00	15.00	7027.4
30.000 O.D. X 1.500 WT	2	6.79	13.58	6207.0
30.000 O.D. X 1.500 WT	3	5.00	15.00	6855.0
30.000 O.D. X 1.500 WT	1	4.39	4.39	2008.5
30.000 O.D. X 1.000 WT	3	18.97	56.91	17641.9
30.000 O.D. X 1.000 WT	3	9.08	27.25	8447.6
30.000 O.D. X 1.000 WT	1	8.05	8.05	2496.5
30.000 O.D. X 1.000 WT	2	5.66	11.31	3507.5
12.750 O.D. X 1.000 WT	3	2.67	8.00	1005.0
12.750 O.D. X 0.750 WT	3	2.67	8.00	769.8
12.750 O.D. X 0.750 WT	6	2.44	14.62	1406.8
12.750 O.D. X 0.500 WT	3	24.33	73.00	4779.8
12.750 O.D. X 0.500 WT	3	22.29	66.88	4379.0
8.625 O.D. X 0.500 WT	2	27.00	54.00	2345.1
8.625 O.D. X 0.500 WT	2	0.75	1.50	65.1
8.625 O.D. X 0.322 WT	2	13.79	27.58	788.1
6.625 O.D. X 0.500 WT	1	12.00	12.00	392.9
6.625 O.D. X 0.500 WT	3	5.67	17.00	556.6
4.500 O.D. X 0.337 WT	1	50.50	50.50	757.4
4.500 O.D. X 0.337 WT	3	5.67	17.00	255.0
4.500 O.D. X 0.337 WT	3	5.00	15.00	225.0
2.375 O.D. X 0.154 WT	1	14.00	14.00	51.2
2.375 O.D. X 0.154 WT	3	7.72	23.16	84.7
2.375 O.D. X 0.154 WT	1	6.75	6.75	24.7
2.375 O.D. X 0.154 WT	4	3.00	12.00	43.9
2.375 O.D. X 0.154 WT	1	1.08	1.08	4.0
2.375 O.D. X 0.154 WT	51	0.49	24.94	91.2
2.375 O.D. X 0.154 WT	62	0.08	5.15	18.8
1.900 O.D. X 0.281 WT	1	65.00	65.00	316.1
1.900 O.D. X 0.145 WT	1	590.00	590.00	1605.0
1.900 O.D. X 0.145 WT	1	176.00	176.00	478.8
1.900 O.D. X 0.145 WT	1	135.00	135.00	367.2
1.900 O.D. X 0.145 WT	1	131.00	131.00	356.4
1.900 O.D. X 0.145 WT	1	128.00	128.00	348.2

U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
1.900 O.D. X 0.145 WT	1	53.00	53.00	148.2

TOTAL WEIGHT OF PIPE MEMBERS = 83329.1

U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

W SHAPE

NOMINAL DIMENSION	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
W 21 X 73.00	1	26.67	26.67	1946.7
W 18 X 50.00	5	26.38	131.88	6593.8
W 18 X 50.00	1	7.92	7.92	395.8
W 12 X 27.00	1	18.25	18.25	492.8
W 12 X 27.00	2	10.17	20.33	549.0
W 12 X 27.00	1	5.00	5.00	135.0
W 12 X 27.00	3	3.75	11.25	303.8
W 12 X 27.00	1	3.67	3.67	99.0
W 12 X 27.00	2	3.27	6.54	176.6
W 8 X 24.00	2	14.58	29.17	700.0
W 8 X 24.00	4	14.50	58.00	1392.0
W 8 X 24.00	3	4.58	13.75	330.0
W 8 X 24.00	4	4.23	16.92	406.0
W 8 X 24.00	2	4.00	8.00	192.0
W 8 X 24.00	2	3.27	6.54	157.0
W 6 X 15.50	1	13.00	13.00	201.5
W 6 X 15.50	2	11.92	23.83	369.4
W 6 X 15.50	1	11.58	11.58	179.5
W 6 X 15.50	7	10.75	75.25	1166.4
W 6 X 15.50	1	10.00	10.00	155.0
W 6 X 15.50	2	8.92	17.83	276.4
W 6 X 15.50	1	8.75	8.75	135.6
W 6 X 15.50	1	8.00	8.00	124.0
W 6 X 15.50	3	7.75	23.25	360.4
W 6 X 15.50	1	7.17	7.17	111.1
W 6 X 15.50	2	5.83	11.67	180.8
W 6 X 15.50	1	5.75	5.75	89.1
W 6 X 15.50	2	4.92	9.83	152.4
W 6 X 15.50	1	4.33	4.33	67.2
W 6 X 15.50	4	3.00	12.00	186.0
W 6 X 15.50	1	2.92	2.92	45.2
W 6 X 15.50	2	2.75	5.50	85.3

TOTAL WEIGHT OF W-SHAPE MEMBERS= 17754.6

U.S.NAVY ACMR PLATFORMS-SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

PLATE

NOMINAL DIMENSION (FT X FT X IN)	QUANTITY	TOTAL AREA (SQ. FT.)	TOTAL WEIGHT (POUNDS)	
2.21 X 3.58 X 1.250	3	23.76	1212.5	
1.74 X 1.74 X 1.250	6	18.17	927.2	
5.32 X 5.32 X 1.000	3	84.91	3467.0	
2.36 X 2.36 X 1.000	3	16.71	682.3	
0.67 X 1.10 X 1.000	6	4.42	180.4	
0.74 X 0.74 X 1.000	6	3.27	133.4	
1.79 X 1.79 X 0.750	6	19.22	588.8	
0.67 X 3.21 X 0.750	6	12.84	393.2	
0.88 X 1.21 X 0.750	2	2.11	64.7	
3.64 X 3.64 X 0.500	3	39.75	811.5	
0.67 X 10.08 X 0.500	3	20.17	411.8	
0.83 X 1.25 X 0.500	2	2.08	42.5	
1.00 X 1.00 X 0.500	3	3.00	61.2	
0.30 X 1.41 X 0.500	14	5.94	121.4	
0.17 X 0.71 X 0.500	50	5.91	120.7	
0.33 X 136.00 X 0.375	1	45.29	693.5	
0.21 X 48.50 X 0.375	2	20.18	308.9	
0.92 X 1.00 X 0.375	15	13.75	210.6	
0.25 X 2.50 X 0.375	1	0.63	9.6	
0.21 X 0.75 X 0.375	16	2.50	38.2	
25.27 X 25.27 X 0.276	1	638.57	7196.7	= 1/4" Checkered Floor Plate
19.66 X 19.66 X 0.276	1	386.52	4356.0	= 1/4" Checkered Floor Plate
0.33 X 183.00 X 0.250	1	60.94	622.1	
0.33 X 35.24 X 0.250	2	23.47	239.6	
0.33 X 25.21 X 0.250	2	16.79	171.4	
0.33 X 25.00 X 0.250	2	16.65	170.0	
0.33 X 23.00 X 0.250	1	7.66	78.2	
0.33 X 16.36 X 0.250	1	5.45	55.6	
0.33 X 16.33 X 0.250	2	10.88	111.0	
0.33 X 12.00 X 0.250	1	4.00	40.8	
0.33 X 5.00 X 0.250	2	3.33	34.0	
1.00 X 1.00 X 0.250	4	4.00	40.8	
0.17 X 2.45 X 0.250	1	0.41	4.2	
0.32 X 0.49 X 0.250	34	5.37	54.8	
0.38 X 0.38 X 0.250	2	0.28	2.9	

U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

PLATE

NOMINAL DIMENSION (FT X FT X IN)	QUANTITY	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
0.28 X 0.49 X 0.250	15	2.06	21.0
0.50 X 10.34 X 0.125	3	15.51	79.2

TOTAL WEIGHT OF PLATES = 23757.8

U.S.NAVY ACHR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

GRATING

NOMINAL DIMENSION (FT x FT)	QUANTITY	UNIT WEIGHT (LBS/SQ.FT)	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
5.79 x 5.79	1	7.36	33.52	246.7
4.01 x 4.01	1	7.36	16.08	118.3
0.91 x 2.50	25	7.36	56.87	418.6
0.91 x 2.50	74	7.36	167.61	1233.6
0.63 x 3.22	1	7.36	2.01	14.8

TOTAL WEIGHT OF GRATING = 2032.1

U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

ANGLE

NOMINAL DIMENSION (IN X IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
5.000 X 3.000 X 0.375	1	11.33	11.33	110.3
5.000 X 3.000 X 0.375	3	10.42	31.25	304.1
5.000 X 3.000 X 0.375	1	9.60	9.60	93.4
5.000 X 3.000 X 0.375	1	5.23	5.23	50.9
5.000 X 3.000 X 0.375	1	4.38	4.38	42.6
5.000 X 3.000 X 0.375	1	2.33	2.33	22.7
5.000 X 3.000 X 0.375	2	1.83	3.67	35.7
5.000 X 3.000 X 0.375	1	1.33	1.33	13.0
5.000 X 3.000 X 0.375	7	0.58	4.08	39.7
4.000 X 3.000 X 0.375	2	8.00	16.00	155.3
4.000 X 3.000 X 0.375	2	3.67	7.33	62.0
3.000 X 3.000 X 0.375	1	40.00	40.00	287.1
3.000 X 3.000 X 0.250	4	1.33	5.33	26.1
2.500 X 2.500 X 0.250	4	3.22	12.87	52.0
2.500 X 2.500 X 0.250	33	2.50	82.50	333.4

TOTAL WEIGHT OF ANGLES = 1608.1

U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

CHANNELS

NOMINAL DIMENSION	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
C 12 X 25.00	2	37.00	74.00	1850.0
C 12 X 25.00	2	16.67	33.33	833.3
C 12 X 25.00	1	16.36	16.36	409.0
C 12 X 25.00	2	5.00	10.00	250.0
C 12 X 25.00	1	3.00	3.00	75.0
C 12 X 20.70	3	1.25	3.75	77.6
C 10 X 15.30	2	25.50	51.00	780.3

TOTAL WEIGHT OF CHANNELS = 4275.3

TOTAL WEIGHT = 132752.7

BILL OF MATERIALS SUMMARY

U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
42.000 O.D. X 1.000 WT	15.00	6574.43
30.000 O.D. X 1.750 WT	15.00	7927.39
30.000 O.D. X 1.500 WT	32.98	15070.58
30.000 O.D. X 1.000 WT	103.52	32093.53
12.750 O.D. X 1.000 WT	8.00	1005.00
12.750 O.D. X 0.750 WT	22.62	2176.58
12.750 O.D. X 0.500 WT	139.88	9158.79
8.625 O.D. X 0.500 WT	55.50	2410.29
8.625 O.D. X 0.322 WT	27.58	788.14
6.625 O.D. X 0.500 WT	29.00	949.45
4.500 O.D. X 0.337 WT	82.50	1237.31
2.375 O.D. X 0.154 WT	87.08	318.39
1.900 O.D. X 0.281 WT	65.00	316.12
1.900 O.D. X 0.145 WT	1213.00	5299.81
W SHAPE		
W 21 X 73.00	26.67	1986.69
W 18 X 50.00	139.79	6989.60
W 12 X 27.00	65.04	1756.11

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS SUPERSTRUCTURE 27-771-01 BILL OF MATERIALS & WEIGHT

W 8 X 24.00	132.37	3176.90
W 6 X 15.50	250.67	3885.35

CHANNELS

C 12 X 25.00	136.69	3417.35
C 12 X 20.70	3.75	77.62
C 10 X 15.30	51.00	780.30

ANGLE

5.000 X 3.000 X 0.375	73.20	712.23
4.000 X 3.000 X 0.375	23.33	197.26
3.000 X 3.000 X 0.375	40.00	287.11
3.000 X 3.000 X 0.250	5.33	26.08
2.500 X 2.500 X 0.250	95.37	385.38

PLATE

1.250 THICKNESS	41.92	2139.71
1.000 THICKNESS	109.30	4463.16
0.750 THICKNESS	34.18	1046.67
0.500 THICKNESS	76.86	1569.18
0.375 THICKNESS	82.34	1260.83
0.250 THICKNESS	1186.36 (1025 SF²)*	13199.09 (11552.7#)*
0.125 THICKNESS	15.51	79.17

* 1/4" Checkered Floor Plate

GRATING

7.360 LBS PER SQ FT	276.10	2032.10

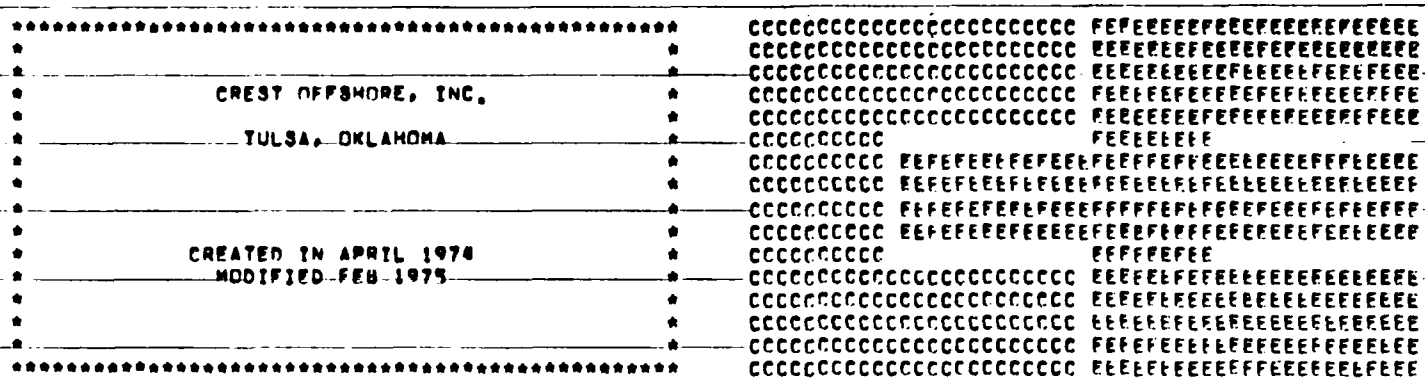
TOTAL WEIGHT 132752.69 LBS

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

1	48.000	1.750	0.0	3	6.500	SHT.1	JKTCAN
1	47.500	1.500	0.0	3	24.870	SHT.1	JKTLEG
1	45.500	0.500	0.0	3	19.840	SHT.1	JKTLEG
1	47.500	1.500	0.0	3	8.000	SHT.1	JKTCAN
1	45.500	0.500	0.0	3	24.110	SHT.1	JKTLEG
1	47.000	1.250	0.0	3	8.500	SHT.1	JKTCAN
1	45.500	0.500	0.0	3	26.360	SHT.1	JKTLEG
1	47.500	1.500	0.0	3	6.000	SHT.1	JKTCAN
1	16.000	0.750	0.0	6	2.330	SHT.1	JKTHORIZBRC
1	16.000	0.625	0.0	3	22.130	SHT.1	JKTHORIZBRC
1	20.000	1.125	0.0	3	38.130	SHT.1	JKTDIAGBRC
1	12.750	0.500	0.0	3	34.100	SHT.1	JKTHORIZBRC
1	20.000	1.000	0.0	3	3.000	SHT.1	JKTDIAGBRC
1	20.000	1.000	0.0	3	3.667	SHT.1	JKTDIAGBRC
1	20.000	0.625	0.0	3	38.150	SHT.1	JKTDIAGBRC
1	14.000	0.500	0.0	3	42.350	SHT.1	JKTHORIZBRC
1	20.000	1.000	0.0	3	2.968	SHT.1	JKTDIAGBRC
1	20.000	1.000	0.0	3	3.583	SHT.1	JKTDIAGBRC
1	20.000	0.625	0.0	3	55.830	SHT.1	JKTDIAGBRC
1	16.000	0.500	0.0	3	51.760	SHT.1	JKTHORIZBRC
1	18.000	0.750	0.0	6	3.500	SHT.1	JKTDIAGBRC
1	18.000	0.750	0.0	6	3.375	SHT.1	JKTDIAGBRC
1	18.000	0.500	0.0	6	39.730	SHT.1	JKTDIAGBRC
1	20.000	0.625	0.0	6	26.450	SHT.1	JKTHORIZBRC
1	24.000	1.000	0.0	3	6.000	SHT.1	JKTHORIZBRC
3	1.250	6.280	0.750	6	0.0	SHT.1	JKTHORIZBRC
1	2.875	0.375	0.0	12	0.500	SHT.3	(+)12-0
3	0.250	4.500	0.250	1	0.0	SHT.3	(+)12-0
1	10.750	0.365	0.0	3	14.833	SHT.3	(+)12-0
1	6.625	0.280	0.0	1	54.750	SHT.3	(+)12-0
1	8.625	0.500	0.0	1	18.420	SHT.3	(+)12-0
4	5.000	9.167	0.0	1	7.360	SHT.3	(+)12-0
4	4.000	17.000	0.0	1	7.360	SHT.3	(+)12-0
4	9.080	9.080	0.0	1	7.360	SHT.3	(+)12-0
1	10.750	0.365	0.0	3	17.750	SHT.4	(-)13-0
1	10.750	0.365	0.0	3	21.667	SHT.4	(-)41-0
1	10.750	0.365	0.0	3	26.250	SHT.4	(-)73-0
1	12.750	0.375	0.0	3	30.250	SHT.4	(-)105-0
3	1.552	2.583	1.375	6	0.0	SHIM PLATES	
3	1.552	2.583	1.250	24	0.0	SHIM PLATES	
3	1.552	2.583	1.125	6	0.0	SHIM PLATES	
3	1.500	2.460	0.625	12	0.0	PILE GUIDES	
3	2.000	2.460	0.625	48	0.0	PILE GUIDES	
3	3.544	3.544	0.625	3	0.0	FLOODING SYSTEM	
3	0.500	1.500	0.500	6	0.0	FLOODING SYSTEM	
5	4.000	6.000	0.375	6	4.000	FLOODING SYSTEM	
1	10.750	0.365	0.0	3	0.500	FLOODING SYSTEM	
3	0.437	0.437	0.250	3	0.0	FLOODING SYSTEM	
1	2.375	0.154	0.0	3	115.500	FLOODING SYSTEM	
1	3.500	0.216	0.0	12	1.000	FLOODING SYSTEM	
1	3.500	0.216	0.0	12	1.250	FLOODING SYSTEM	
3	1.250	1.250	0.375	2	0.0	FLOODING SYSTEM	
3	1.000	1.000	0.375	1	0.0	FLOODING SYSTEM	
3	1.667	5.500	2.000	2	0.0	LIFTING EYES DET.1	
3	1.330	1.330	1.500	4	0.0	LIFTING EYES DET.1	
3	1.437	2.250	1.000	8	0.0	LIFTING EYES DET.1	
3	1.667	5.500	2.000	3	0.0	LIFTING EYES SEC.A	
3	1.330	1.330	1.500	6	0.0	LIFTING EYES SEC.A	
3	1.437	2.250	1.000	6	0.0	LIFTING EYES SEC.A	
3	1.000	1.000	0.500	72	0.0	ANODE GUSSETS	

3	1.000	1.000	0.500	72	0.0	ANODE GUSSETS

MATERIAL LISTING PROGRAM



U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
48.000 O.D. X 1.750 WT	3	6.50	19.50	16872.0
47.500 O.D. X 1.500 WT	3	24.87	74.61	55033.7
47.500 O.D. X 1.500 WT	3	8.00	24.00	17702.8
47.500 O.D. X 1.500 WT	3	6.00	18.00	13277.1
47.000 O.D. X 1.250 WT	3	8.50	25.50	15589.2
45.500 O.D. X 0.500 WT	3	26.36	79.08	19020.9
45.500 O.D. X 0.500 WT	3	24.11	72.33	17397.4
45.500 O.D. X 0.500 WT	3	19.84	59.52	14316.2
24.000 O.D. X 1.000 WT	3	6.00	18.00	4425.7
20.000 O.D. X 1.125 WT	3	38.13	114.39	25966.3
20.000 O.D. X 1.000 WT	3	3.67	11.00	2234.4
20.000 O.D. X 1.000 WT	3	3.58	10.75	2183.3
20.000 O.D. X 1.000 WT	3	3.00	9.00	1828.0
20.000 O.D. X 1.000 WT	3	2.97	8.90	1808.5
20.000 O.D. X 0.625 WT	3	55.83	167.49	21681.7
20.000 O.D. X 0.625 WT	3	38.15	114.45	14815.6
20.000 O.D. X 0.625 WT	6	26.45	158.70	20543.8
18.000 O.D. X 0.750 WT	6	3.50	21.00	2904.4
18.000 O.D. X 0.750 WT	6	3.38	20.25	2800.6
18.000 O.D. X 0.500 WT	6	39.73	238.38	22297.7
16.000 O.D. X 0.750 WT	6	2.33	13.98	1709.3
16.000 O.D. X 0.625 WT	3	22.13	66.39	6819.9
16.000 O.D. X 0.500 WT	3	51.76	155.28	12864.7
14.000 O.D. X 0.500 WT	3	42.35	127.05	9167.7
12.750 O.D. X 0.500 WT	3	34.10	102.30	6698.3
12.750 O.D. X 0.375 WT	3	30.25	90.75	4502.0
10.750 O.D. X 0.365 WT	3	26.25	78.75	3191.0
10.750 O.D. X 0.365 WT	3	21.67	65.00	2633.9
10.750 O.D. X 0.365 WT	3	17.75	53.25	2157.8
10.750 O.D. X 0.365 WT	3	14.83	44.50	1803.2
10.750 O.D. X 0.365 WT	3	0.50	1.50	60.8
8.625 O.D. X 0.500 WT	1	18.42	18.42	800.0
6.625 O.D. X 0.280 WT	1	54.75	54.75	1039.8
3.500 O.D. X 0.216 WT	12	1.25	15.00	113.7
3.500 O.D. X 0.216 WT	12	1.00	12.00	91.0

U.S.NAVY ACNR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
2.875 O.D. X 0.375 WT	12	0.50	6.00	60.1
2.375 O.D. X 0.154 WT	3	115.50	346.50	1266.9

TOTAL WEIGHT OF PIPE MEMBERS = 347678.8

U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

PLATE

NOMINAL DIMENSION (FT X FT X IN)	QUANTITY	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
1.67 X 5.50 X 2.000	5	45.84	3743.8
1.33 X 1.33 X 1.500	10	17.69	1083.4
1.55 X 2.58 X 1.375	6	24.05	1350.5
1.55 X 2.58 X 1.250	24	96.21	4910.8
1.55 X 2.58 X 1.125	6	24.05	1104.9
1.44 X 2.25 X 1.000	14	45.27	1848.3
1.25 X 6.28 X 0.750	6	47.10	1882.4
3.54 X 3.54 X 0.625	3	37.68	961.6
2.00 X 2.46 X 0.625	48	236.16	6027.0
1.50 X 2.46 X 0.625	12	44.28	1130.1
1.00 X 1.00 X 0.500	72	72.00	1470.0
0.50 X 1.50 X 0.500	6	4.50	91.9
1.25 X 1.25 X 0.375	2	3.13	47.9
1.00 X 1.00 X 0.375	1	1.00	15.3
0.25 X 4.50 X 0.250	1	1.13	11.5
0.44 X 0.44 X 0.250	3	0.57	5.8

TOTAL WEIGHT OF PLATES = 25245.2

U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

GRATING

NOMINAL DIMENSION (FT X FT)	QUANTITY	UNIT WEIGHT (LBS/SQ.FT)	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
9.08 X 9.08	1	7.36	82.65	606.8
4.00 X 17.00	1	7.36	68.00	500.5
5.00 X 9.17	1	7.36	45.83	337.3

TOTAL WEIGHT OF GRATING = 1444.6

U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

ANGLE

NOMINAL DIMENSION (IN X IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
4.000 X 6.000 X 0.375	6	4.00	24.00	294.8

TOTAL WEIGHT OF ANGLES = 294.8

TOTAL WEIGHT = 374663.4

BILL OF MATERIALS SUMMARY

U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
48.000 O.D. X 1.750 WT	19.50	16872.02
47.500 O.D. X 1.500 WT	116.61	86013.69
47.000 O.D. X 1.250 WT	25.50	15589.20
45.500 O.D. X 0.500 WT	210.93	50734.49
24.000 O.D. X 1.000 WT	18.00	4425.71
20.000 O.D. X 1.125 WT	114.39	25966.30
20.000 O.D. X 1.000 WT	39.69	8094.21
20.000 O.D. X 0.625 WT	440.64	57041.15
18.000 O.D. X 0.750 WT	41.25	5705.02
18.000 O.D. X 0.500 WT	238.38	22297.72
16.000 O.D. X 0.750 WT	15.98	1709.31
16.000 O.D. X 0.625 WT	46.39	6819.94
16.000 O.D. X 0.500 WT	155.28	12864.71
14.000 O.D. X 0.500 WT	127.05	9167.71
12.750 O.D. X 0.500 WT	102.30	6698.30
12.750 O.D. X 0.375 WT	90.75	4502.00
10.750 O.D. X 0.365 WT	243.00	9846.65
8.625 O.D. X 0.500 WT	18.42	799.96
6.625 O.D. X 0.280 WT	54.75	1039.82
3.500 O.D. X 0.216 WT	27.00	204.74
2.875 O.D. X 0.375 WT	6.00	60.13

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORM 105 FT MLW JACKET 27-771-01 BILL OF MATERIALS & WEIGHT

2.375 O.D. X 0.154 WT	346.50	1266.94
ANGLE		
6.000 X 6.000 X 0.375	24.00	294.77
PLATE		
2.000 THICKNESS	45.84	3743.80
1.500 THICKNESS	17.69	1083.45
1.375 THICKNESS	24.05	1350.47
1.250 THICKNESS	96.21	4910.79
1.125 THICKNESS	24.05	1104.93
1.000 THICKNESS	45.27	1848.34
0.750 THICKNESS	47.10	1442.44
0.625 THICKNESS	318.12	8118.67
0.500 THICKNESS	76.50	1561.87
0.375 THICKNESS	4.13	63.16
0.250 THICKNESS	1.70	17.33
GRATING		
7.360 LBS PER SQ FT	196.28	1444.63
TOTAL WEIGHT		374663.38 LBS

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

1	6.625	0.432	0.0	2	12,833	BOAT LANDING
1	6.625	0.432	0.0	3	8,583	BOAT LANDING
1	6.625	0.432	0.0	2	2,667	BOAT LANDING
1	6.625	0.432	0.0	14	3,833	BOAT LANDING
1	6.625	0.432	0.0	4	13,360	BOAT LANDING
1	6.625	0.432	0.0	4	10,440	BOAT LANDING
1	4.500	0.337	0.0	3	4,083	BOAT LANDING
1	4.500	0.337	0.0	5	10,250	BOAT LANDING
1	12.750	0.843	0.0	2	15,000	BOAT LANDING
1	6.625	0.432	0.0	6	5,167	BOAT LANDING
1	6.625	0.432	0.0	4	5,667	BOAT LANDING
1	6.625	0.432	0.0	1	3,500	BOAT LANDING
1	8.625	0.500	0.0	6	4,333	BOAT LANDING
1	8.625	0.500	0.0	4	3,500	BOAT LANDING
1	6.625	0.432	0.0	1	9,750	BOAT LANDING
1	8.625	0.500	0.0	1	10,917	BOAT LANDING
1	8.625	0.500	0.0	4	21,750	BOAT LANDING
1	12.750	0.843	0.0	2	1,917	BOAT LANDING
1	2.375	0.218	0.0	10	0,333	BOAT LANDING
1	1.900	0.281	0.0	1	65,000	BOAT LANDING
1	12.750	0.843	0.0	2	2,000	BOAT LANDING
4	4.000	10.250	0.0	1	7,360	BOAT LANDING
4	3.000	4.000	0.0	2	7,360	BOAT LANDING
4	4.000	10.250	0.0	1	7,360	BOAT LANDING
3	1.167	1.167	0.500	2	0.0	BOAT LANDING
1	1.900	0.145	0.0	1	75,000	BOAT LANDING
6	6.000	8.200	0.0	2	3,750	BOAT LANDING
6	6.000	8.200	0.0	2	4,250	BOAT LANDING
4	0.510	2.500	0.0	3	7,360	BOAT LANDING
4	0.708	2.792	0.0	1	7,360	BOAT LANDING
5	2.000	2.000	0.250	1	3,000	BOAT LANDING
4	0.583	2.500	0.0	3	7,360	BOAT LANDING
5	1.000	1.000	0.125	1	3,000	BOAT LANDING
3	4.790	4.500	0.750	2	0.0	BOAT LANDING
3	3.167	2.500	0.750	2	0.0	BOAT LANDING
3	1.500	2.000	0.750	2	0.0	BOAT LANDING
1	12.750	0.843	0.0	2	4,000	BOAT LANDING
1	12.750	0.843	0.0	2	1,000	BOAT LANDING
1	10.750	0.500	0.0	2	1,533	BOAT LANDING
1	4.500	0.337	0.0	2	4,000	BOAT LANDING
6	12.000	20.700	0.0	2	1,250	BOAT LANDING
3	0.583	0.750	0.500	16	0.0	BOAT LANDING

MATERIAL LISTING PROGRAM

CREST OFFSHORE, INC.

TULSA, OKLAHOMA

CREATED IN APRIL 1974
MODIFIED FEB 1975

U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

U.S.NAVY ACHR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
12.750 O.D. X 0.843 WT	2	15.00	30.00	3219.1
12.750 O.D. X 0.843 WT	2	4.00	8.00	858.4
12.750 O.D. X 0.843 WT	2	2.00	4.00	429.2
12.750 O.D. X 0.843 WT	2	1.92	3.83	411.4
12.750 O.D. X 0.843 WT	2	1.00	2.00	214.6
10.750 O.D. X 0.500 WT	2	1.33	2.67	146.1
8.625 O.D. X 0.500 WT	4	21.75	87.00	3778.3
8.625 O.D. X 0.500 WT	1	10.92	10.92	474.1
8.625 O.D. X 0.500 WT	6	4.33	26.00	1129.1
8.625 O.D. X 0.500 WT	4	3.50	14.00	608.0
6.625 O.D. X 0.432 WT	4	13.36	53.44	1528.4
6.625 O.D. X 0.432 WT	2	12.83	25.67	734.1
6.625 O.D. X 0.432 WT	4	10.44	41.76	1194.3
6.625 O.D. X 0.432 WT	1	9.75	9.75	278.9
6.625 O.D. X 0.432 WT	3	8.58	25.75	736.5
6.625 O.D. X 0.432 WT	4	5.67	22.67	648.3
6.625 O.D. X 0.432 WT	6	5.17	31.00	886.7
6.625 O.D. X 0.432 WT	14	3.83	53.66	1534.7
6.625 O.D. X 0.432 WT	1	3.50	3.50	100.1
6.625 O.D. X 0.432 WT	2	2.67	5.33	152.6
4.500 O.D. X 0.337 WT	5	10.25	51.25	768.6
4.500 O.D. X 0.337 WT	3	4.08	12.25	183.7
4.500 O.D. X 0.337 WT	2	4.00	8.00	120.0
2.375 O.D. X 0.218 WT	10	0.33	3.33	16.7
1.900 O.D. X 0.281 WT	1	65.00	65.00	316.1
1.900 O.D. X 0.145 WT	1	75.00	75.00	204.0

TOTAL WEIGHT OF PIPE MEMBERS = 20671.9

U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

PLATE

NOMINAL DIMENSION (FT X FT X IN)	QUANTITY	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
4.79 X 4.50 X 0.750	2	43.11	1320.2
3.17 X 2.50 X 0.750	2	15.83	484.9
1.50 X 2.00 X 0.750	2	6.00	183.7
1.17 X 1.17 X 0.500	2	2.72	55.6
0.58 X 0.75 X 0.500	16	7.00	142.8

TOTAL WEIGHT OF PLATES = 2187.4

U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

GRATING

NOMINAL DIMENSION (FT X FT)	QUANTITY	UNIT WEIGHT (LBS/SQ.FT)	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
4.00 X 10.25	2	7.36	82.00	603.5
3.00 X 4.00	2	7.36	24.00	176.6
0.71 X 2.79	1	7.36	1.98	14.5
0.58 X 2.50	3	7.36	4.37	32.2
0.51 X 2.50	3	7.36	3.82	28.2

TOTAL WEIGHT OF GRATING = 855.0

U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

ANGLE

NOMINAL DIMENSION (IN X IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
2,000 X 2,000 X 0,250	1	3,00	3,00	9,6
1,000 X 1,000 X 0,125	1	3,00	3,00	2,4

TOTAL WEIGHT OF ANGLES = 12,0

U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

CHANNELS

NOMINAL DIMENSION	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
C 12 X 20.70	2	1.25	2.50	51.7
C 6 X 8.20	2	4.25	8.50	69.7
C 6 X 8.20	2	3.75	7.50	61.5

TOTAL WEIGHT OF CHANNELS = 182.9

TOTAL WEIGHT = 23909.2

BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
12.750 O.D. X 0.883 WT	47.83	5132.74
10.750 O.D. X 0.500 WT	2.67	146.06
8.625 O.D. X 0.500 WT	137.91	5989.45
6.625 O.D. X 0.432 WT	272.55	7794.48
4.500 O.D. X 0.337 WT	71.50	1072.31
2.375 O.D. X 0.218 WT	3.33	16.74
1.900 O.D. X 0.281 WT	65.00	316.12
1.900 O.D. X 0.145 WT	75.00	204.03
CHANNELS		
C 12 X 20.70	2.50	51.75
C 6 X 8.20	16.00	131.20
ANGLE		
2.000 X 2.000 X 0.250	3.00	9.57
1.000 X 1.000 X 0.125	3.00	2.39

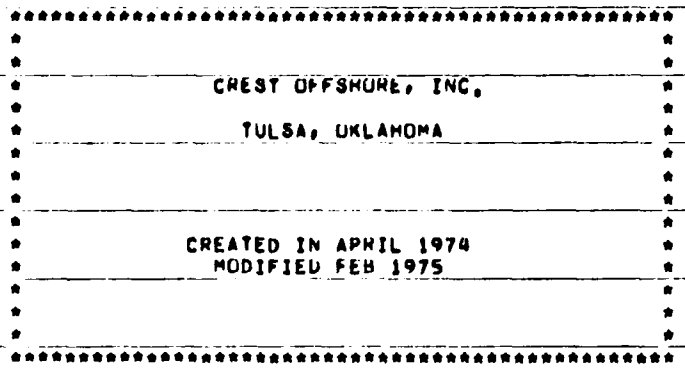
BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORMS JACKET BOAT LANDING 27-771-01 BILL OF MATERIALS

PLATE		
0.750 THICKNESS	64.94	1988.94
0.500 THICKNESS	9.72	198.45
GRATING		
7.360 LBS PER SQ FT	116.17	855.04
TOTAL WEIGHT		23909.20 LBS

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORMS BARGE FENDERS 27-771-01 BILL OF MATERIALS & WEIGHT

1	18,000	0.750	0.0	2	1,917	BARGE FENDER
1	18,000	0.750	0.0	2	21,458	BARGE FENDER
1	16,000	0.750	0.0	2	4,000	BARGE FENDER
1	16,000	0.750	0.0	2	2,187	BARGE FENDER
3	4,500	6.000	1.000	2	0.0	BARGE FENDER
3	2,250	3.000	0.750	4	0.0	BARGE FENDER
3	5.333	3.750	0.750	2	0.0	BARGE FENDER
3	1.333	1.333	0.750	2	0.0	BARGE FENDER
3	1.333	4.417	0.750	4	0.0	BARGE FENDER
3	2,250	1.875	0.750	2	0.0	BARGE FENDER
3	2,833	2,833	0.500	2	0.0	BARGE FENDER
3	1,380	1,380	0.750	4	0.0	BARGE FENDER

MATERIAL LISTING PROGRAM



U.S.NAVY ACMR PLATFORMS BARGE FENDERS 27-771-01 BILL OF MATERIALS & WEIGHT

U.S.NAVY ACMR PLATFORMS BARGE FENDERS 27-771-01 BILL OF MATERIALS & WEIGHT

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
18,000 O.D. X 0.750 WT	2	21.46	42.92	5935.4
18,000 O.D. X 0.750 WT	2	1.92	3.83	530.3
16,000 O.D. X 0.750 WT	2	4.00	8.00	978.1
16,000 O.D. X 0.750 WT	2	2.19	4.37	534.8

TOTAL WEIGHT OF PIPE MEMBERS = 7978.6

U.S.NAVY ACMR PLATFORMS BARGE FENDERS 27-771-01 BILL OF MATERIALS & WEIGHT

PLATE

NOMINAL DIMENSION (FT X FT X IN)	QUANTITY	TOTAL AREA (SQ. FT)	TOTAL WEIGHT (POUNDS)
4.50 X 6.00 X 1.000	2	54.00	2205.0
3.33 X 3.75 X 0.750	2	25.00	765.5
2.25 X 3.00 X 0.750	4	27.00	826.9
1.33 X 4.42 X 0.750	4	23.55	721.3
2.25 X 1.88 X 0.750	2	8.44	258.4
1.38 X 1.38 X 0.750	4	7.62	233.3
1.33 X 1.33 X 0.750	2	3.55	108.8
2.83 X 2.83 X 0.500	2	16.05	327.7

TOTAL WEIGHT OF PLATES = 5446.9

TOTAL WEIGHT = 13425.5

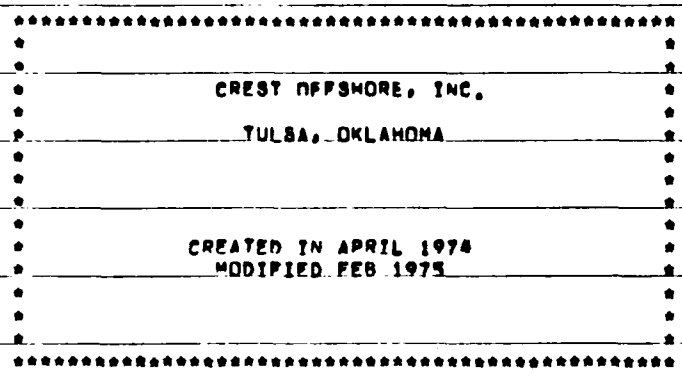
BILL OF MATERIALS SUMMARY
U.S.NAVY ACHR PLATFORMS BARGE FENDERS 27-771-01 BILL OF MATERIALS & WEIGHT

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
18.000 O.D. X 0.750 WT	46.75	6465.68
10.000 O.D. X 0.750 WT	12.37	1512.95
PLATE		
1.000 THICKNESS	54.00	2205.00
0.750 THICKNESS	95.16	2914.21
0.500 THICKNESS	16.05	327.72
TOTAL WEIGHT		13425.55 LBS

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORM JACKET PILING SITE 3 27-771-01 BILL OF MATERIALS

1	42.000	2.000	0.0	3	10.000	PILE SECTION
1	42.000	2.000	0.0	3	50.000	PILE SECTION
1	42.000	2.000	0.0	3	47.000	PILE SECTION
1	42.000	2.375	0.0	3	10.000	PILE SECTION
1	42.000	2.375	0.0	3	52.000	PILE SECTION
1	42.000	2.375	0.0	3	12.000	PILE SECTION
1	42.000	2.000	0.0	3	25.000	PILE SECTION
1	42.000	2.000	0.0	3	177.000	PILE SECTION
1	42.000	2.500	0.0	3	2.000	PILE SECTION
1	39.750	0.625	0.0	6	8.000	PILE SPLICE POINT
1	37.000	0.625	0.0	6	8.000	PILE SPLICE POINT

MATERIAL LISTING PROGRAM



U.S.NAVY ACMR PLATFORM JACKET PILING SITE 3 27-771-01 BILL OF MATERIALS

U.S.NAVY ACNR PLATFORM JACKET PILING SITE 5 27-771-01 BILL OF MATERIALS

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
42.000 O.D. X 2.500 WT	3	2.00	6.00	6333.9
42.000 O.D. X 2.375 WT	3	52.00	156.00	156942.3
42.000 O.D. X 2.375 WT	3	12.00	36.00	36217.5
42.000 O.D. X 2.375 WT	3	10.00	30.00	30181.2
42.000 O.D. X 2.000 WT	3	177.00	531.00	454116.6
42.000 O.D. X 2.000 WT	3	50.00	150.00	128281.5
42.000 O.D. X 2.000 WT	3	47.00	141.00	120584.6
42.000 O.D. X 2.000 WT	3	25.00	75.00	64140.8
42.000 O.D. X 2.000 WT	3	10.00	30.00	25656.3
39.750 O.D. X 0.625 WT	6	8.00	48.00	12547.5
37.000 O.D. X 0.625 WT	6	8.00	48.00	11665.6

TOTAL WEIGHT OF PIPE MEMBERS = 1046667.6

TOTAL WEIGHT = 1046667.6

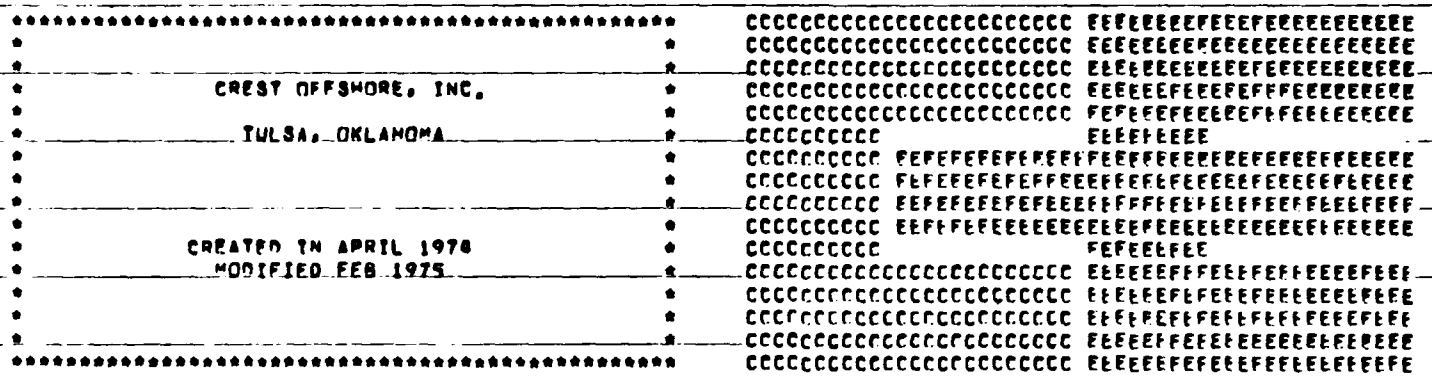
BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORM JACKET PILING SITE 3 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
42.000 O.D. X 2.500 WT	6.00	6333.89
42.000 O.D. X 2.375 WT	222.00	223340.94
42.000 O.D. X 2.000 WT	927.00	792779.75
39.750 O.D. X 0.625 WT	48.00	12507.54
37.000 O.D. X 0.625 WT	48.00	11665.60
TOTAL WEIGHT		1046667.63 LBS

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORM JACKET PILING SITE 4 27-771-01 BILL OF MATERIALS

1	42.000	2.000	0.0	3	10.000	PILE SECTION
1	42.000	2.000	0.0	3	55.000	PILE SECTION
1	42.000	2.000	0.0	3	52.000	PILE SECTION
1	42.000	2.375	0.0	3	10.000	PILE SECTION
1	42.000	2.375	0.0	3	57.000	PILE SECTION
1	42.000	2.375	0.0	3	12.000	PILE SECTION
1	42.000	2.000	0.0	3	45.000	PILE SECTION
1	42.000	2.000	0.0	3	175.000	PILE SECTION
1	42.000	2.500	0.0	3	2.000	PILE SECTION
1	39.750	0.625	0.0	6	8.000	PILE SPLICE POINT
1	37.000	0.625	0.0	6	8.000	PILE SPLICE POINT

MATERIAL LISTING PROGRAM



U.S.NAVY ACHR PLATFORM JACKET PILING SITE A 27-771-01 BILL OF MATERIALS

U.S.NAVY ACHR PLATFORM JACKET PILING SITE 8 27-771-01 BILL OF MATERIALS

PIPE

NOMINAL DIMENSION (IN X IN)	QUANTITY	MEMBER LENGTH (FT)	TOTAL LENGTH (FT)	TOTAL WEIGHT (POUNDS)
42.000 O.D. X 2.500 WT	3	2.00	6.00	6333.9
42.000 O.D. X 2.375 WT	3	57.00	171.00	172032.9
42.000 O.D. X 2.375 WT	3	12.00	36.00	36217.5
42.000 O.D. X 2.375 WT	3	10.00	30.00	30181.2
42.000 O.D. X 2.000 WT	3	175.00	525.00	448985.2
42.000 O.D. X 2.000 WT	3	55.00	165.00	141109.7
42.000 O.D. X 2.000 WT	3	52.00	156.00	133412.8
42.000 O.D. X 2.000 WT	3	45.00	135.00	115453.8
42.000 O.D. X 2.000 WT	3	10.00	30.00	25656.3
39.750 O.D. X 0.625 WT	6	8.00	48.00	12547.5
37.000 O.D. X 0.625 WT	6	8.00	48.00	11665.6

TOTAL WEIGHT OF PIPE MEMBERS = 1133594.0

TOTAL WEIGHT = 1133594.0

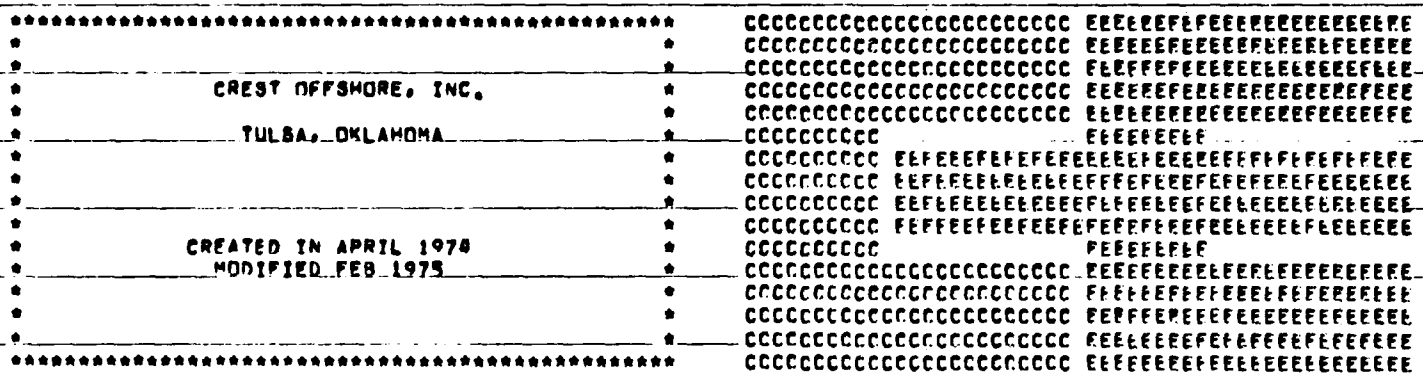
BILL OF MATERIALS SUMMARY
U.S.NAVY ACMR PLATFORM JACKET PILING SITE 4 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
42.000 O.D. X 2.500 WT	6.00	6333.89
42.000 O.D. X 2.375 WT	237.00	238431.56
42.000 O.D. X 2.000 WT	1011.00	864617.25
39.750 O.D. X 0.625 WT	48.00	12547.54
37.000 O.D. X 0.625 WT	48.00	11665.60
TOTAL WEIGHT		1133594.00 LBS

LIST OF INPUT DATA -- U.S.NAVY ACMR PLATFORM JACKET INSERT PILING SITE 4 27-771-01 BILL OF MATERIALS

1	33.000	1.000	0.0	3	10.000	INSERT PILING
1	33.000	1.000	0.0	3	20.000	INSERT PILING
1	30.750	0.625	0.0	3	8.000	INSERT PILING
1	33.000	1.000	0.0	6	32.000	INSERT PILING
1	30.750	0.625	0.0	6	8.000	INSERT PILING
1	33.000	1.000	0.0	3	122.000	INSERT PILING
1	30.750	0.625	0.0	3	8.000	INSERT PILING
1	33.000	1.000	0.0	3	198.000	INSERT PILING
1	33.000	1.500	0.0	3	2.000	INSERT PILING

MATERIAL LISTING PROGRAM



U.S.NAVY ACMR PLATFORM JACKET INSERT PILING SITE A 27-771-01 BILL OF MATERIALS

U.S.NAVY ACMR PLATFORM JACKET INSERT PILING SITE 4 27-771-01 BILL OF MATERIALS

PIPE

NOMINAL DIMENSION (-IN-X-IN-)	QUANTITY	MEMBER LENGTH (-FT-)	TOTAL LENGTH (-FT-)	TOTAL WEIGHT (-POUNDS-)
33.000 O.D. X 1.500 WT	3	2.00	6.00	3030.7
33.000 O.D. X 1.000 WT	3	198.00	594.00	203197.9
33.000 O.D. X 1.000 WT	3	122.00	366.00	125202.8
33.000 O.D. X 1.000 WT	6	32.00	192.00	65680.1
33.000 O.D. X 1.000 WT	3	20.00	60.00	20525.0
33.000 O.D. X 1.000 WT	3	10.00	30.00	10262.5
30.750 O.D. X 0.625 WT	12	8.00	96.00	19322.4

TOTAL WEIGHT OF PIPE MEMBERS = 447221.3

TOTAL WEIGHT = 447221.3

BILL OF MATERIALS SUMMARY
U.S.NAVY ACHR PLATFORM JACKET INSERT PILING SITE 4 27-771-01 BILL OF MATERIALS

NOMINAL DIMENSION	TOTAL LENGTH (FEET)	TOTAL WEIGHT (POUND)
PIPE		
33.000 O.D. X 1.500 WT	6.00	3030.65
33.000 O.D. X 1.000 WT	1242.00	424868.31
30.750 O.D. X 0.625 WT	96.00	19322.39
TOTAL WEIGHT		447221.31 LBS

APPENDIX C.1

INTRODUCTION

C.1 INTRODUCTION

An operational analysis was performed for the 105 MLW structure to check the maximum horizontal displacement of the instrument package on top of the structure during an operational wave. The maximum horizontal displacement of the instrument package on top of the structure is limited to one foot and the maximum rotation of the structure is limited to one degree in the vertical plane and one degree in the horizontal plane.

APPENDIX C.2

ENVIRONMENTAL CRITERIA

C.2 ENVIRONMENTAL CRITERIA

1. Wave Data - Operational Storm

MLW	105.0 ft.
Storm Wave Height	40.0 ft.
Storm Wave Period	11.4 sec.
Maximum Total Tide	5.4 ft.
Extreme Surface Current	3.1 ft./sec.
Mudline Current	0.4 ft./sec.

2. Wind Data - Operational Storm

Wind Velocity	60 mph

APPENDIX C.3

RESULTS

C.3 RESULTS

Maximum Translation (Jt. 203, Load Cn 9) = 2.13 in < 12.00 in

Maximum Vertical Rotation (Jt. 206, Load Cn 6) = 0.10° < 1.00°

Maximum Horizontal Rotation (Jt. 202, Load Cn 9) = 0.06° < 1.00°

END
FILMED
4-86
DTIC